

PLEASE
THIS
ON TO
TAG
OF FILE
CLASSIFICATION

SUMMARY OF SIGHTINGS

No	PLACE DATE	PERSON	REPORT	REPLY	REMARKS
✓7 1	KYNETON VIC 9 APR 73	WILLIAM P. ANDERSON	3 MAY 73	7 MAY 73	SPACE DEBRIS RE-ENTRY
✓8 2	BENDIGO VIC 9 APR 73	DONALD R. DENNIS	3 MAY 73	7 MAY 73	SPACE DEBRIS RE-ENTRY
✓9 3	DINGLEY VIC 9 APR 73	CAROL E. HARRIS	3 MAY 73	7 MAY 73	SPACE DEBRIS RE-ENTRY
✓10 4	CRAYTON VIC 9 APR 73	MR E. J. REILLY	3 MAY 73	7 MAY 73	SPACE DEBRIS RE-ENTRY
✓11 5	FRANKFORD TAS 9 APR 73	E. ROSSITER	3 MAY 73	7 MAY 73	SPACE DEBRIS RE-ENTRY
✓1 6	ROCKHAMPTON QLD DEC 72	R. TOMKINS	3 MAY 73	13 JUN 73 N/R	PHOTOGRAPHED OBJECT THROUGH FILM PARKING CAR
✓15 7	CHERMESIDE QLD 15 APR 73	MRS B. WRIGHT	7 MAY 73	25 MAY 73	NO DETERMINATION. POSSIBLE ROCKET FLARE
8	NAMBOUR QLD MARCH/APRIL 1982/83	MR D. S. HEALD	7 MAY 73	9 MAY 73	TIME LAPSE PRECLUDES INVESTIGATION
✓2 9	TEA BARKENS NSW 9 MAR 73	MR BURROWS	8 MAY 73	13 JUN 73	OAO-A2 ROCKET
✓4 10	BOOLAROO NSW 25 MAR 73	MRS. BRADLET	8 MAY 73	13 JUN 73	SATURN
✓5 11	CHARLESTOWN NSW 25 MAR 73	MRS. FRASER	8 MAY 73	25 MAY 73	SATELLITE - UNNAMED US. No 1981/001
✓16 12	WILLIAMTOWN NSW 26 APR 73	MAJ CAMPBELL FRIS HEWITT	8 MAY 73	6 JUN 73 OFFICIAL REPORT	SPACE DEBRIS 1972-077A.
✓13 13	CROYDON VIC 10 APR 73	MR. SUTHERLAND	9 MAY 73	8 MAY 73	SPACE DEBRIS
✓6 14	KEW VIC 26 MAR 73	MR. EARL	9 MAY 73	13 JUN 73	DC-3 OPERATED BY BRAIN & BROWN ESSENDON - LAUNCESTON
✓12 15	LAKE BOLAC VIC 9 APR 73	MR. GRIHAM MR. TURNER	9 MAY 73	8 MAY 73	SPACE DEBRIS
✓14 16	DURBO NSW 11 APR 73	MRS. S. SLOAN	11 MAY 73	18 MAY 73	SIRIUS.
✓3 17	MORNINGTON VIC 10 MAR 73	G. CLARKE	14 MAY 73	11 JUN 73	LIGHT #1

Reference: A.
In accordance with Departmental Policy
UNCLASSIFIED

7 May 82

(AIR FORCE OFFICE)
MINUTE PAPER


DEFAIR 580/1/1
Reference AF554/1/30 (34)

Subject. RECLASSIFICATION OF FILES

Reference: A. DI(AF)AAP 810 para 326.

In accordance with Reference A, all folios, in all parts of Department of Air File series 580/1/1 are reclassified 'UNCLASSIFIED' with effect 7 May 82.

7 May 82


(G. A. PERSEKE)
G/CAPT
DAFIS

11 MAY 73

SIGHTING # 17

BALCOMBE
VIC

MR. G. CLARKE

TO	FROM	FILE	DATE	REFERENCES
HOLAN	DEPAIR	S80/1/1P.22(173)	12 JUL 73	B55/4/AR(11)
ATTENTION		DATED 7 JUN 73		
SUBJECT		FLC OFF B.A. WRIGHT		
REPORTS OF UNUSUAL AERIAL SIGHTINGS				

Enclosed for your records, is a copy of a letter from this Department to Mr. G. Clarke in reply to his report of an unusual aerial sighting.

FILE
20/11/80

Enclosure: Copy of letter to Mr. G. Clarke

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
<i>M. Griston</i>	MR. GRISTON	FLC OFF	IR 2	2404

11 JUL 1973

580/1/1 Pt 22 (17a)

Mr G. Clarke,
4 McCulloch Street,
DROMANA VIC 3936

Dear Sir,

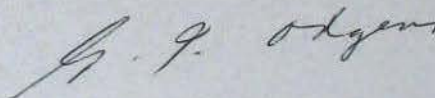
We refer to your report of an unusual aerial sighting on 10th March 1973.

Although the investigating team has been unable to conclusively determine the cause of the sighting, it is their opinion that the most probable cause was a light aircraft carrying out flying training from Moorabin under night visual meteorological conditions. As the aircraft would have been operating outside the Melbourne control area, no flight plan or flight following radar is required.

The red lights observed were probably the port wing navigation light and the anti-collision light of the aircraft. Low altitude would account for the aircraft's apparent fast movement and for short periods of time it would appear to remain stationary whilst turning or banking in flight, particularly when travelling in a similar direction to your car.

We regret that a time delay between the submission of this report and its receipt at this Department precludes confirmation of this theory. We therefore trust that the explanation is satisfactory and thank you for your interest.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

A. G. Odgers
DM
10 Jul 73

RESTRICTED



ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: 399-1311

Headquarters
RAAF Base
LAVERTON VIC 3027

7th June 1973

IN REPLY QUOTE BS 5/4/AIR(11)

Department of Air (ATTN: DAFI R1)
Headquarters Support Command (ATTN: C INTEL O)

DAFI R1

REPORT ON UFO SIGHTED IN BALCOMBE AREA

Forwarded in accordance with HQSC 5/6/AIR(27) dated 11th August 1972, are copies of a report of an unidentified flying object sighted in the Balcombe area on the 10th May 1973.

(J.A. DINES)
Squadron Officer
for Officer Commanding

Enclosure: 1. Two copies of UFO report and findings



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INVESTIGATING OFFICER'S REPORT
ON THE SIGHTING OF AN UNIDENTIFIED
FLYING OBJECT AT BALCOMBE ON 10MAY73

INTRODUCTION

1. On the 10th May 1973, the Duty Air Traffic Controller received a telephone call from Mr. G. CLARKE of Dromana concerning an UFO sighting at 6.10 p.m. that evening. The object was also sighted by Mr. Clarke's wife and two children.
2. Mr. Clarke was interviewed over the phone and a proforma was sent to him to fill in and return.
3. Mr. Clarke stated that he had observed two flashing red lights when he was in the vicinity of the Balcombe Army Camp on the Nepean Highway. The lights crossed the highway behind his car and followed it for approximately three miles and then sped away to the east. The lights were estimated by Mr. Clarke to be between 75-100 ft AGL and stationary for approximately 10 minutes. When it moved it appeared to cover 900 ft in one second.

POSSIBLE EXPLANATIONS

4. The following aspects were considered in attempting to find a satisfactory explanation:
 - a. Aircraft. There were no known military aircraft in the vicinity at the time of sighting. Moorabin reported one aircraft overhead Cowes at 0825Z and Moorabin 0900Z but also advised that if an aircraft had been flying NOSAR in the area no details are available due to no record being kept on these aircraft flights. Melbourne radar at Tullamarine advised that they had no moves occurring in the Mornington Peninsula area at the time of the sighting.
 - b. Visual Satellites. There were no visible satellite passes at that time due to cloud cover.
 - c. Meteorological Balloons. A balloon was released from Laverton at 1050Z which was well after the sighting occurred and it did not have a light.
 - d. Local Phenomena. Nil.
 - e. Meteorological Conditions. At 0800Z, the weather in the area was:
wind - surface 270/11 as height increased turned to a north westerly.
cloud - $\frac{3}{8}$ cumulus 3500 ft, $\frac{6}{8}$ strato-cumulus 5000 ft.
temp - dry bulb 15°C, dew point 8°C.
inversions - 1°C at 5000 ft measured from Laverton at 1100Z.
 - f. Celestial Bodies. Not visible due cloud cover.

CONCLUSION

5. The flashing red lights observed were most probably aircraft navigation or anti-collision lights. They possibly belonged to an aircraft tracking from or to Moorabin Airport in night VMC (Visual Meteorological Conditions).

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-2-

If it was a night VMC flight, the aircraft would have been flying in the vicinity of the coast from and to Moorabin.

6. Due to the low cloud, the aircraft would have had to remain below cloud to maintain VMC. This and the angle of elevation of the lights to the viewer would explain the low height.

7. Mr. Clarke said that the lights had crossed the highway in front of his vehicle as he was travelling north, then they remained stationary to the west. The lights then crossed the highway behind his car and followed it before speeding off to the east. This suggests that the whole time that Mr. Clarke observed the lights, he was viewing the port wing tip flashing red navigational lights and/or flashing anti-collision lights.

8. The probable cause of the two flashing red lights, was an aircraft on a night VMC training flight from Moorabin Airport.

7JUN73

B.A. Wright
(B.A. WRIGHT)
Flying Officer
Investigating Officer.

Object was stationary in front of car. Car passed it then object followed car then sped off to east.

RESTRICTED

MINUTE PAPER

(This side only to be written on)

BS 5/1/HR(5)

Subject: UFO REPORT -- MORNINGTON -- 100530Z MAY 73

Date of Action:

1. At 0838Z 10 MAY 73 the Duty Controller, FLG OFF SAAY received a phone call from a WA GEOF CHARKE, advising of a UFO he had sighted in the MORNINGTON area.

2. The object was sighted at approx 0830Z hovering over the highway at MORNINGTON. It had two flashing lights close underneath. The object was then observed to move very rapidly towards YABB area.

3. WA CHARKE's address is 4 McCULLOCH ST, DROMANA, telephone 059-871296. 511321

4. Investigation commenced.

B.A. Wright
(B.A. WRIGHT)

FLG OFF

FORMATION UFO OFF.

11 MAY 73

ROYAL AUSTRALIAN AIR FORCE
MESSAGE FORM

FOR COMM CEN/SIGNALS USE

No _____
File BS/E/A/Air (6)

PRECEDENCE - ACTION ROUTINE	PRECEDENCE - INFO ROUTINE	DATE - TIME GROUP 102330ZMA/73	MESSAGE INSTRUCTIONS
From HQLAV	To HQSC DEPAR	Info	PREFIX GR SECURITY CLASSIFICATION <i>(Messages referring to a classified message must be classified Restricted or above)</i> RESTO ORIGINATOR'S NUMBER A091/BS

FOR (INTEL) CMM BAEI PD UFO REPORT PD
MR GEOF CLARKE CMM 4 MCCULLOCH ST DROMANA
TELEPHONE 054-271296 PD REPORTED SIGHTING AN
OBJECT HOVERING OVER THE HIGHWAY AT MORNINGTON PD
IT HAD TWO FLASHING LIGHTS SITUATED CLOSE TOGETHER
UNDERNEATH PD THE OBJECT WAS THEN OBSERVED TO
MOVE VERY RAPIDLY TOWARDS TYABB AREA PD
WEATHER FINE CMM VISIBILITY TWENTY FIVE NAUTICAL
MILES CMM CLOUD 3/8 CUMULUS 3500 FT CMM
6/8 STRATO-CUMULUS 6000 FT PD INVESTIGATION
COMMENCED PD

Page 1	Pages	Tick appropriate box This message <input type="checkbox"/> refers to a classified message <input type="checkbox"/> does not refer	DRAFTER'S NAME EA. WRIGHT	OFFICE FPO	TEL No 222						
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK EA. WRIGHT FPO

* Leave half an inch between addresses on same line.

7

300-1344
300-1344

Headquarters
RAF Base
LAWTON VIC 3027

5/4/73(7)

11th May 1973

Mr. G. Clarke
4 Leacock Street
MELBOURNE VIC 3000

Dear Sir,

1. Your sighting of an unusual aerial object as reported to RAF Base Lawton on 10th May 1973 has been received and preliminary investigations have been commenced.
2. To assist the RAF in our investigations, a proforma is enclosed and you are asked to kindly complete this form at your earliest convenience, after which the form should be returned to this Base in the envelope provided.
3. Thanking you for your keen interest in this matter.

Yours faithfully,

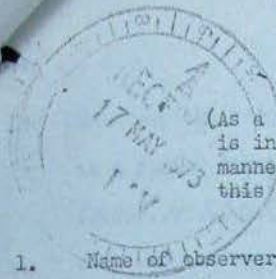
W. H. H. H.
(P. H. H. H.)
Squadron Leader
for Officer Commanding

Enclosure: 1. Proforma - Report on Unusual Aerial Sighting. ANNEV A.

REPORT ON UNUSUAL AERIAL SIGHTING

PART I - REPORT BY OBSERVER

ANNEX A



(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form).

1. Name of observer..... GROFF, C. CLARKE Age... 34
2. Address of observer..... 4 M. CUMMINS ST.
DROMANO 3936 Phone... 059 871296
3. Occupation of observer..... M.A.N.O.G.S.P.
4. Date and time of start of observation..... 6.10 P.M. 10th MAR. 1973
- How certain is the date?..... DEFINITE
- How accurate is the time of start?..... DEFINITE
5. Duration of observation..... 10 MINUTES
- How accurate is your estimate?..... DEFINITE
6. Observer's location at time of sighting..... NAKRON Hwy. outside
- RASCOMBE CAMP
- How familiar is observer with this locality?..... YES
7. Weather conditions at time of observation..... SUNNY CLEAR - VERY
- DARK DUE NO MOON
8. Describe any aids/equipment used in the observation..... N/A
9. Where was object first observed? :
a. Relative to your surroundings..... NORTH
- b. Angle of elevation 20°
- c. Compass angle bearing..... NO. 175A
- d. How accurate are these estimates?..... APPROXIMATE
10. What first attracted observer's attention? TWO BUNKING OBJECTS
- LIGHTS
11. If there was more than one light/object:
a. How many were there? TWO LIGHTS
- b. In what formation were they? ATTENDING 1:1
12. What was the colour of the light or object?..... RED - FLASHING
- SUCCESSIVE ALTERNATELY

- 13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards). *ABOUT THE SAME INSTANTLY AS... STREET LIGHT AT 100 YARDS.*
- 14. What was the apparent size at nearest approach?:
 - a. Relative to Venus or Moon. *NO MOON AT THIS TIME - BUT ABOUT*
 - b. Relative dimensions in inches at arm's length (about 20 inches from eyes).....
- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....
- 16. Was any method of propulsion obvious?..... *No.*
- 17. Describe any sound heard, including changes in pitch and intensity
..... *Nil.*
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..... *75' TO 100' ABOVE GROUND.*
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances. *APPEARED TO COVER ABOUT 300 YDS IN APPROX 1/2 SECOND.*
- 20. Give duration of any stationary phases. *10 MINUTES.*
- 21. Describe any deviations or manoeuvres. *CROSSED HIGHWAY BEHIND MY CAR WHEN FOLLOWED IT FOR ABOUT 3 MILES. THEN IT SPED AWAY TO THE EAST.*
- 22. Describe any trail of exhaust, vapour or light seen..... *Nil.*
- 23. Where was object last observed:
 - a. Relative to your surroundings. *DISAPPEARING OVER HORIZON IN THE VICINITY OF TYRAB.*
 - b. Angle of elevation.....
 - c. Compass angle bearing.....
- 24. What was the manner of its disappearance?.....
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... *No.*
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... *Nil.*
- 27. How many witnesses to the sighting)? *WIFE & 2 CHILDREN (AGNES).*

28. Do you know of witnesses to similar sightings in the area? No.

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? LIGHT AIRCRAFT OR HELICOPTER

30. What are your main reasons for excluding this explanation? IT MOVED TOO FAST AND NO SOUND.

31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

WHEN THE OBJECT WAS FIRST SIGHTED WE THOUGHT THAT IT WAS FLASHING LIGHTS ON TOP OF A RADIO MAST AND BECAUSE WE DID NOT REMEMBER A RADIO MAST WE INSTANTLY WATCHED THE LIGHTS TO GET SOME SORT OF ANSWER. THE OTHER POSSIBILITY WAS THAT IT WAS THE AIRCRAFT ON HIS WAY HOME IN HIS HELICOPTER. BUT IT WAS TOO FAR SOUTH FOR THIS & THERE WAS NOT THE NORMAL ENGINE NOISE, IN FACT THERE WAS NO NOISE.

SUBSEQUENT OBSERVATIONS CONFIRM THAT THERE IS NO RADIO MAST IN THE AREA.

Signature [Handwritten Signature]

Date 1/13/72

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported USO position at the time: NIL

A/C type.....(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000 ft.....,000 ft.....,000ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000 ft.....,000 ft.....,000 ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude.....Longitude.....

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only

36. A meteorological balloon was released from.....

at.....Z. Count.....Weight.....gm

Radiopoint # / number # / Guide # / battery # (## delete as required)

at ft. Wind speed.....

at ,000 ft at.....

Wind speed.....

37. The location of the camera is° at

..... 3 hrs from.....

.....

38. The location of rocks, research balloons, meteors, meteorites

etc. relevant to the sighting.....

39. When an aircraft is a possible identification, include radar trace

if available, and ascertain which of the aircraft lights were operating
..... NIL

40. The cause (or likely cause) of the sighting can*/ cannot* be determined.

41. The object reported probably was*/ may have been* (delete as required).

a. The light aircraft tracking down rd to MURKIN
Depart on night VMC (visual meteorological conditions).

An aircraft under these conditions would have been tracking down rd to MURKIN on the roadway to the east. This would account for the lights crossing the highway in front of the car as the CLARKS drove north, going to the west, crossing the highway behind the car and following it, then speeding off to the east.

b. The flashing red lights were most probably aircraft navigation and anti-collision lights. Due to the low level the aircraft would have had to remain close down to maintain VMC.

c. MURKIN advised that if the aircraft was operating VMC no details from MURKIN or other witnesses as a record is not kept on these flights.

d. Mr MELBOURNE RANK at TULLAGHMORE advised that they had no more memory in the MURKIN TOWN, as MURKIN was at the time of the sighting.

e. Weather FINE, visibility 25 NM, cloud $\frac{1}{8}$ cumulus 2500 ft $\frac{1}{8}$ STRATO-cumulus 5000 ft

..... RSLAV (Unit) BA WRIGHT (Name)

..... 07 JUN 73 (Date) F-40 OFF (Rank)

Bo/1/1

AG THIS MESSAGE IS CLASSIFIED. YOUR REPLY OR REFERENCE MUST BEAR A MINIMUM CLASSIFICATION OF RESTRICTED.

DRB344VECZCSDA392 HH
RR RAYWPP
DE RAYPLV 205 1310005
ZNY RRRRR
R 102330Z MAY 73
FM HQLAV
TO RAYQC/HQSC
RAYWPP/DEPAIR
BT

JOINT COMCEN
PAUPHERRA
MAY 11 05 38Z 73

RECEIVED
14 MAY 1973
DING

DAFI
8

RESTRICTED
A091/BS

FOR CINTELO CMM DAFI PD UFO REPORT PD MR GEOFF CLARKE CMM
4 MCCULLOCH ST DROMANA TELEPHONE 059-871296 PD REPORTED
SIGHTING AN OBJECT HOVERING OVER THE HIGHWAY AT MORNINGTON PD
IT HAD TWO FLASHING WHITE LIGHTS SITUATED CLOSE TOGETHER
UNDERNEATH PD THE OBJECT WAS THEN OBSERVED TO
MOVE VERY RAPIDLY TOWARDS TYABB AREA PD WEATHER FINE CMM VISIBILITY
TWENTY FIVE NAUTICAL MILES CMM CLOUD 3/8 CUMULUS 3500FT
CMM 6/8 STRATO-CUMULUS 5000FT PD INVESTIGATION COMMENCED PD
BT

NOA
HQSC advise that they
have copy of report
on BS SH/AIR (11)
dated 7 Jun 73.

NNNN

15 Jun 73.

W. G. Off
R 2.

11 APR 73

SIGHTING # 16

Dubbo
NSW

MRS J. SPOONER

FROM DEPAIR	FILE 580/1.1 P.22(178)	DATE 23 MAY 73	REFERENCES Your 5/1/AIR Pt 1(14) OF 3 MAY 73
TO No 2 STORES DEPOT ATTENTION FMT Lt R.H. DEAN			
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

Enclosed for your records, is a copy of a letter from this Department to Mrs J. Slochteren in reply to her report of an unusual aerial sighting.

ENCLOSURE : Copy of letter to Mrs J. Slochteren

SIGNATURE <i>M. Cretton</i>	NAME M. CRETTON	RANK FMA OFF	APPOINTMENT R-2	PHONE
--------------------------------	--------------------	-----------------	--------------------	-------

580/1/1 Pt22 (17A)

22 MAY 1973

Mrs J. Slochteren,
30 Baird Street,
WEST DUBBO NSW 2830

Dear Madam,


With reference to your report of an unusual aerial sighting on 11th April 1973, it has been determined that the most probable cause was the star SIRIUS.

At the time of sighting, SIRIUS would have first been seen almost due west from your position at an elevation of about 35° and shining more brightly than usual. The star moved to the south of west and lower on the horizon during the evening. At 11.00 pm it was at about 10° elevation and 255° azimuth.

Atmospheric conditions pertaining at the time or the star being seen through a polluted atmosphere could have caused the apparent change in colour that you described.

We trust that this determination is satisfactory, and thank you for your interest.

Yours faithfully,


(G.J. ODGERS)
Director of Public Relations

*Spence
20/4
1973*



ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: DUBBO 82 4822



No 2 Stores Depot
Detachment "D"
DUBBO NSW 2830

DAFI
3-5-73

3rd May 1973

IN REPLY QUOTE 5/1/AIR PT 1 (14)

Department of Air (DAFI)

For Information

Headquarters Support Command (Command Intel O)
Headquarters Operational Command (SO Intel)

DAFI

UNUSUAL AERIAL SIGHTINGS

Reference: A. HQOC 5/15/1/AIR (7) of 17th April 1973

N/R

Herewith report unusual aerial sighting investigated by
Flt Lt R. L. Dean (04184) ACOT following a request from HQOC.

(C. F. SAUNDERS)
Squadron Leader
Officer Commanding Detachment

Enclosure : 1. Copy of Report of Unusual Aerial Sighting
received from HQOC.

8. The only aircraft in the area during the period was a civil
Beechcraft heading south at 8,000 ft at an approximate speed of 135K.

9. In Mr Buckley's opinion the object may have been a star and
the distortions caused by the sensitivity of the binoculars and air
movements. This appears to be the most logical explanation although
it does not explain the initial sighting by naked eye.

WHITE

2SDD DUBBO
2nd May 1973

(R. L. DEAN)
Flight Lieutenant
Investigating Officer

INVESTIGATING OFFICER'S REPORT
ON THE SIGHTING OF AN UNIDENTIFIED
FLYING OBJECT AT DUBBO ON 11 APR 73

INTRODUCTION

1. Following receipt of a request from Headquarters Operational Command the investigating officer interviewed Mrs J. Slochteren of No 30 Baird St, West Dubbo on 1 May 1973 concerning a report of an unusual aerial sighting submitted by her.
2. The sighting was continuous over an approximate period of from 2030 to 2300 hours on 11th April 1973 due west of Dubbo and in addition to Mrs Slochteren was witnessed by her husband Peter, brothers Richard and George Sullivan, both of the Regular Army, and later by Mr J. Buckley of DCA, Dubbo.
3. The viewers attention was attracted by the flashing colours blue, red, white and green and were stated to have the appearance of aircraft lights except for the period that they remained in one position. Mrs Slochteren rang the Control Tower at Dubbo Airport at about 2200 hrs stating that she had viewed the phenomena for 20 - 30 minutes. She was referred to RAAF Sydney from where the current investigation has apparently originated. Three quarters of an hour later she again rang DCA to say the lights were still there and that one light was emerging from the centre describing figure eights and returning. At this stage Mr Buckley proceeded to the Slochteren home and viewed the light at this stage approximately 5° above the horizon through their binoculars. 285
4. Sightings were initially by naked eye and then by binoculars. During the period the object was stated to have remained stationary for a considerable time (say, half an hour) risen at an angle toward the moon where the emerging lights occurred and descended to the position viewed by Mr Buckley, but receding prior to his arrival.


QUALITY OF THE EVIDENCE

5. Mr and Mrs Slochteren appeared quite sincere in their statements to the investigating officer. The disparity in the time of sighting reported by her in para 3 and the times given in para 2 is that the latter was an approximation given by R. Sullivan independently.
6. Mr Buckley, an officer from the DCA tower, must be considered the best available witness on his opinion is given at para 8. It is unfortunate his sighting was not made earlier.

UNIT EVALUATION

7. Information on celestial bodies and satellites is not readily available and no local phenomena is in evidence.
8. The only aircraft in the area during the period was a civil Beechcraft heading south at 8,000 ft at an approximate speed of 135K. WHYTE
9. In Mr Buckley's opinion the object may have been a star and the distortions caused by the sensitivity of the binoculars and air movements. This appears to be the most logical explanation although it does not explain the initial sighting by naked eye.

2SDD DUBBO
2nd May 1973


(R. L. DEAN)
Flight Lieutenant
Investigating Officer

RESTRICTED
INTELLIGENCE - REPORT OF AERIAL

OBJECT OBSERVED

(Operational Command ASI 3/A/5)

PART 1 - REPORT BY OBSERVER

1. Name of observer .. MRS. J. SLOCHTEREN .. AGE 26 ..
2. Address of observer .. 30 BAIRD ST. ..
..... WEST DUBBO .. PHONE .. NIL ..
3. Occupation of observer .. HOUSEWIFE ..
4. Date and time of observation .. 2240 Z .. 11 APR 73 ..
5. Duration of observation .. CONTINUOUS .. FROM 20 MINS PRIOR TO REPORT ..
6. Observers location at time of sighting .. DUE WEST OF DUBBO ..
ELEVATION APPROX 30° (6 FINGERS ABOVE HORIZON) .. RANGE UNKNOWN
BUT APPARENTLY REDUCING. ..
7. Weather conditions at time of observation .. CLEAR SKY, NIL
DUST, MIST, FOG, ETC. ..
8. Describe any aids or equipment used in the observation ..
..... BINOCULARS .. AFTER OBJECT VIEWED BY NAKED EYE ..
.....
9. Where was object first observed? (eg, overhead, coming from
behind a hill, over the horizon).
..... ABOVE POSITION ..
10. What first attracted observer's attention? (eg, light or
noise).
..... FLASHING COLOURS ..
.....
11. Did object appear as a light or as a definite object? ..
..... AS LIGHT ..
.....
12. If there was more than one object:-
(a) how many were there? .. ONE ..
(b) in what formation were they? .. N/A ..
13. What was the colour of the light or object? .. FLASHING BLUE, RED, WHITE
GREEN THEN MERGING TO CONSTANT WHITE ..
14. What was its apparent shape? .. NOT DESCRIBED (SMALL) ..
15. Was any detail of structure observable? .. NO ..
16. Was any method of propulsion obvious? .. NO ..

RESTRICTED

.../2

- 17. Was there any sound? **NO**
- 18. What was its height? (or angle of elevation) .. **APPROX 30°**
- 19. What was its speed? (or angular velocity) **GRADUAL OVER PERIOD OF TIME**
- 20. Was the object stationary? .. **APPARENTLY**
- 21. What was the direction of flight with reference to landmarks or points of the compass?
MOVED TO SLIGHTLY SOUTH OF WEST OVER 20 MIN PERIOD
- 22. Did the object remain on a straight path, deviate, or manoeuvre at all?
STRAIGHT PATH (FOR OBSERVED MOVEMENT)
- 23. Was any trail of exhaust, vapour, or light seen? .. **NO**
- 24. Where did object disappear? (eg, in mid-air, behind a hill, over the horizon)
REMAINED IN SIGHT DURING REPORT
- 25. Do you know of any physical evidence? (such as fragments, photographs, or other supporting evidence)
NO REPORTER'S BROTHER WAS IN ATTENDANCE ALSO
- 26. Have you observed any unusual phenomena previously? .. **NO**
- 27. If so, give brief details of incident (s) **N/A**
- 28. State any experience which enables observer to be reasonably certain about the answers given to 18 and 19.
DETERMINED BY OFFICER RECEIVING REPORT BY QUESTIONS
- 29. Are you a member of any organization interested in aerial phenomena? .. **NO**
- 30. Name and address of organisation **N/A**
- 31. Any additional information which relates to the sighting.
NIL

9 APR 78

D-2030

SIGHTING # 15

LAKE BOLAC

MR. GRAHAM

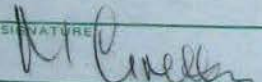
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MR. TURNER

FROM DEPAIR	FILE 580/1/1(16b)	DATE 23 MAY 73	REFERENCES Your 5/6/1 (AIR/56) OF 7 MAY 73
TO HOSC ATTENTION CINTELLO			
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

Enclosed, for your records, are copies of letters from this Department to Messrs H. Graham and B. Turner and Mr K.C. Sutherland in reply to their reports of unusual aerial sightings.

ENCLOSURES : 1. Copy of letter to Messrs H. Graham and B. Turner
2. Copy of letter to Mr K.C. Sutherland

SIGNATURE 	NAME M. CRETTON	RANK FLG OFF	APPOINTMENT IR-2	PHONE NO 2408
--	--------------------	-----------------	---------------------	------------------

580/1/1 Pt 22 (16a)

22 MAY 1973

Messrs L. Graham and B. Turner,
LAKE BOLAC, VIC 3351

Dear Sirs,

With reference to your report of an unusual aerial sighting on 9th April 1973, it has been determined that the most probable cause was space debris re-entering the Earth's atmosphere.

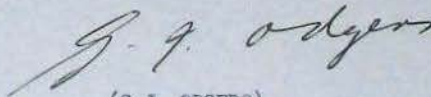
At present there are 2691 man made objects in space, and debris periodically burns up on re-entry and often breaks up into smaller components during this phase.

Predictions are made for known satellites to re-enter the Earth's atmosphere, however, irregular fluctuations in solar activity greatly affect upper atmosphere density and accurate predictions are very difficult.

The date of your sighting corresponds with the predicted time frame for two satellites, Cosmos 526 No. 1972-84A, launched on 25th October 1972, and Esro 4 No. 1972-92B, launched on 27th November 1972, to re-enter the Earth's atmosphere, and it is thought that your sighting can be attributed to one of these satellites.

We trust that this determination satisfactorily explains the phenomenon that you saw, and we thank you for your interest.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

A
1/11/73
JAH
18/5



ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: 69 0550

TELEGRAPHIC ADDRESS:
"AIRCOMMAND, MELBOURNE"

570-1-1
DAFI
25-73

HEADQUARTERS SUPPORT COMMAND
RAAF
VICTORIA BARRACKS
MELBOURNE SC1 VIC 3004

IN REPLY QUOTE 5/6/1/Air(56)

7 MAY 1973

Department of Air (DAFI IR-2)

DAFI

REPORTS OF UNUSUAL AERIAL SIGHTINGS

Reference: A. Our 5/6/1/Air(54) of 1st May 1973

1. Attached are unusual aerial sighting reports from Messrs Graham/Turner, Earl and Sutherland.
2. The report from Graham/Turner appears to be covered by Reference A.

R.R. Roddy
(R.R. RODDY)
Squadron Leader
For Air Officer Commanding

✓ Enclosures: 3 Reports





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REPORT ON UNUSUAL AERIAL SIGHTING



Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer: LES GRAMMAY Age 25
BRUCE TURNER Age 24
2. Address of observer: LAKE BOLAC
..... Phone 72 -
3. Occupation of observer: BULK FUEL AGENT
4. Date and time of start of observation: 9th APR 73 2200 hrs
How certain is the date? DEFINITE
How accurate is the time of start? "
5. Duration of observation: 2200 hrs - 2204
How accurate is your estimate? ACCURATE
6. Observer's location at time of sighting: 5 MILE S.E. LAKE BOLAC
.....
How familiar is observer with this locality? VERY FAMILIAR
7. Weather conditions at time of observation: CLEAR SKY 1/4 MOON
.....
8. Describe any aids/equipment used in the observation: NL
.....
9. Where was object first observed? :
a. Relative to your surroundings: APPROACHED FROM N.W. FIRST OBSERVED - DIRECTLY OVER HEAD
b. angle of elevation: NO AIDS
c. compass angle bearing: "
d. how accurate are these estimates? "
10. What first attracted observer's attention? VAPOUR TRAIL IN MOON LIGHT
11. If there was more than one light/object :
a. how many were there? TWO
b. in what formation were they? BRIGHT CLEAR LIGHTS SHINING TO FRONT + REAR
12. What was the colour of the light or object? NORMAL COLOUR OF SPOT OR LANDING LIGHT

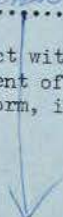
25/6/73
observed

~~REGISTERED~~

- 13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)..... SIMILAR TO AIRCRAFT LANDING LIGHT
- 14. What was the apparent size at nearest approach?:
 - a. relative to Venus or Moon.....
 - b. relative dimensions in inches at arm's length (about 20 inches from the eyes).... 2" - 3"
- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....
- 16. Was any method of propulsion obvious?..... VAPOUR TRAIL
- 17. Describe any sound heard, including changes in pitch and intensity..... NO NOISE AT ALL
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..... 3 - 4000 FT
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances .. 2-3 TIMES FASTER THAN PHANTOM JET FLIGHT
- 20. Give duration of any stationary phases..... NIL
- 21. Describe any deviations or manoeuvres..... NIL
- 22. Describe any trail of exhaust, vapour or light seen..... SINGLE VAPOUR TRAIL
- 23. Where was object last observed :
 - a. relative to your surroundings..... DISAPPEARED FROM SIGHT
 - b. angle of elevation..... AFTER KEEPING STRAIGHT
 - c. compass angle bearing..... FLIGHT PATTERN TO S.E.
- 24. What was the manner of its disappearance?.....
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... NO
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... ONLY ARMY TRAINING HAVE OBSERVED MANY DIFFERENT AIRCRAFT IN FLIGHT (VIETNAM)
- 27. How many witness to the sighting?..... TWO

NO COMPASS

- 28. Do you know of witnesses to similar sightings in the area? NOT LOCALLY
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....
- 30. What are your main reasons for excluding this explanation? NO
SHAPE BETWEEN LIGHTS
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



BRIGHT LIGHT
TO REAR - SHINING
INTO VAPOUR TRAIL.

BRIGHT LIGHT
TO FRONT

VAPOUR TRAIL WAS STILL
VISIBLE UP TO 5 MIN
AFTER DISAPPEARANCE

DISTANCE BETWEEN LIGHTS
APPEARED TO BE TOO FAR TO
~~BE~~ BE KNOWN AIRCRAFT.

LIGHTS DID NOT FLASH ON
AND OFF

Signature..... [Signature].....

Date 17 - 4 - 73.....

26 MAR 78

D. 2030

SIGHTING # 14

KEN
VIC

MR. J. E. EARL

TO HOSC	FILE 5801/1 P. 22 (56)	DATE 13 Jun 73	REFERENCES HOSC 5/6/1/AIR(46) OF 7 MAY 73
SUBJECT REPORT OF UNUSUAL AERIAL SIGHTING		ATTENTION C. INTENLO	

Enclosed, for your records is a copy of a letter from this Department to Mr J E. Earl in reply to his report of an unusual aerial sighting.

ENCLOSURE: Copy of letter to Mr J E. Earl.

SIGNATURE 	NAME M. GRETTON	RANK FLC OFF	APPOINTMENT IR-2	PHONE NO 2408
--	--------------------	-----------------	---------------------	------------------

13 JUN 1973

580/1/1 Pt22 (15a)

Mr J.E. Earl,
55 Sackville Street,
KEW VIC 3101

Dear Sir,

With reference to your report of an unusual aerial sighting on 26th March 1973, it has been determined that the most probable cause was an aircraft.

On 26th March a DC-3 operated by Brain & Brown Airfreighters P/L departed Essendon airport at approximately 10-05pm bound for Launceston. The initial track out of Melbourne to Cowes was on a heading of 161° T, which would correspond with the direction of the object sighted by you. As the aircraft moved further south it would give the impression of being lower on the horizon.

The apparent colour of the object could be attributed to the lights of the aircraft being viewed through pollution in the atmosphere above Melbourne.

We trust that this determination is satisfactory, and thank you for your interest.

Yours faithfully,

G. J. Odgers

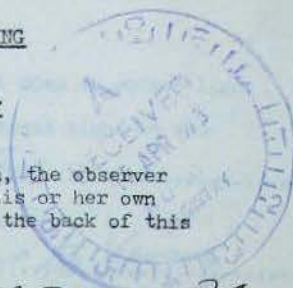
(G.J. ODGERS)
Director of Public Relations

12 June 73

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)



1. Name of observer JAMES EDWARD EARL Age 24
2. Address of observer... 55 Sackville St
Kens. 301 Phone 801 833 (H) 6433 (R)
3. Occupation of observer... Engineering Geologist - Timber Merchant
4. Date and time of start of observation 26.3.73 - 10:05 pm - 10:18 pm
 How certain is the date?... positive
 How accurate is the time of start?... written 5 mins
5. Duration of observation... 10 mins
 How accurate is your estimate?... very
6. Observer's location at time of sighting... back garden at home
facing west
 How familiar is observer with this locality?... very
7. Weather conditions at time of observation... clear, cool
night - stars visible
8. Describe any aids/equipment used in the observation...
telescope
9. Where was object first observed? :
 a. Relative to your surroundings... Western? sky above
stars elevation of ~50°
 b. angle of elevation... ~55°
 c. compass angle bearing... ~270-280° (N=0°)
 d. how accurate are these estimates?... fairly
10. What first attracted observer's attention?... bright object
moving in a southerly direction
11. If there was more than one light/object :
 a. how many were there?... two
 b. in what formation were they?... together - almost touching
12. What was the colour of the light or object?... orange (Sodium vapour colour)

ENTRHO

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)..... *equal to... brightest star*

14. What was the apparent size at nearest approach?
a. relative to Venus or Moon..... *similar to Venus*
b. relative dimensions in inches at arm's length (about 20 inches from the eyes)..... *very small*

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?..... *with magnetic compass* $\sim 55-60^\circ$; $230-240^\circ$

16. Was any method of propulsion obvious?..... *no*

17. Describe any sound heard, including changes in pitch and intensity..... *no sound or other phenomena*

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..... *$\sim 60^\circ$ (max) bearing angles as the object actual height appeared to remain constant as it moved south*

19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances..... *similar to speed of a satellite*

20. Give duration of any stationary phases.....

21. Describe any deviations or manoeuvres.....

22. Describe any trail of exhaust, vapour or light seen.....

23. Where was object last observed :
a. relative to your surroundings..... *above a large tree in the southern sky*
b. angle of elevation..... *$\sim 20-25^\circ$*
c. compass angle bearing..... *$170-180^\circ$ (N = 0°)*

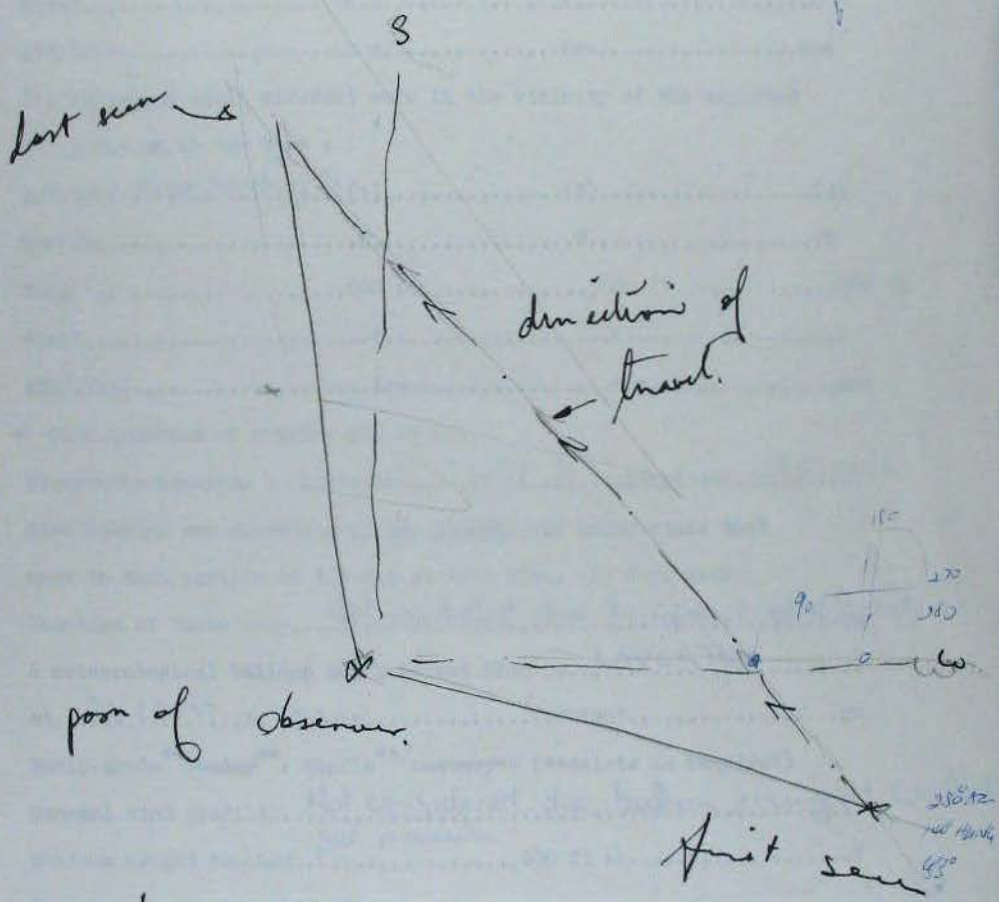
24. What was the manner of its disappearance?..... *faded into distance*

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... *no*

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... *B.Sc. at Melbourne University one of the observers was in anti aircraft unit during W.W.II*

27. How many witness to the sighting?..... *5 (five)*

- 28. Do you know of witnesses to similar sightings in the area? *no*
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? *Satellite? at very high altitude perhaps*
- 30. What are your main reasons for excluding this explanation? *didn't look like a satellite*
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



Signature... *James P. Carl*

Date... *12.4.75*

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time :

A/C type... Nil(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time :

3382840 A/C type... None heading S(1).....(2).....(3)

Heading.....T.....T.....T

Height.....,000 ft.....,000 ft.....,000 ft

Speed.....K.....K.....K

ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location : Latitude... 37.51 S Longitude... 145.00 E

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only... Not included due to speed of object

36. A meteorological balloon was released from ... LAVERTON ... at... 26.11.00 ...Z. Colour.....Weight.....gm

Radio-sonde **/radar **: Candle **/battery** (**delete as required)

General wind profile... Not considered due balloon rising at 500 feet per minute

Maximum height tracked.....,000 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of ... C at Melbourne Met Bureau. Met Officer advised records kept base in cupboard & sometimes disappear. Records not available from ... Z hrs from.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc. relevant to the sighting... Nil

39. When an aircraft is a possible identification, include radar trace

if available, and ascertain which of the aircraft lights were
operating.....

40. The cause (or likely cause) of the sighting ~~can~~*/cannot* be determined.

41. The object reported ~~probably was~~*/may have been* (delete as required)

..... High Apogee orbiting satellite but duration of
sighting seems too long

..... HRSC (Unit) LO GIBBS (Name)

..... 4 MAY 73 (Date) Flg Off (Rank)

10 APR 73

D. 2030

SIGHTING # 13

CROYDON
VIC

MR K. SUTHERLAND

580/1/1 Pt 22 (14a)

22 MAY 1973

Mr K.G. Sutherland,
36 Murray Road,
CROYDON, VIC 3136

Dear Sir,

With reference to your report of an unusual aerial sighting on 10th April 1973, it has been determined that the most probable cause was space debris re-entering the Earth's atmosphere.

At present there are 2891 man made objects in space, and debris periodically burns up on re-entry and often breaks up into smaller components during this phase.

Predictions are made for known satellites to re-enter the Earth's atmosphere, however, irregular fluctuations in solar activity greatly affect upper atmosphere density and accurate predictions are very difficult.

The date of your sighting corresponds with the predicted time frame for two satellites, Cosmos 526 No. 1972-84A, launched on 25th October 1972, and Esro 4 No. 1972-92B, launched on 27th November 1972, to re-enter the Earth's atmosphere, and it is thought that your sighting can be attributed to one of these satellites.

We trust that this determination satisfactorily explains the phenomenon that you saw, and we thank you for your interest.

Yours faithfully,



(G.J. ODCERS)
Director of Public Relations

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18/5*

RES. 13ARK73.

~~CONFIDENTIAL~~

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

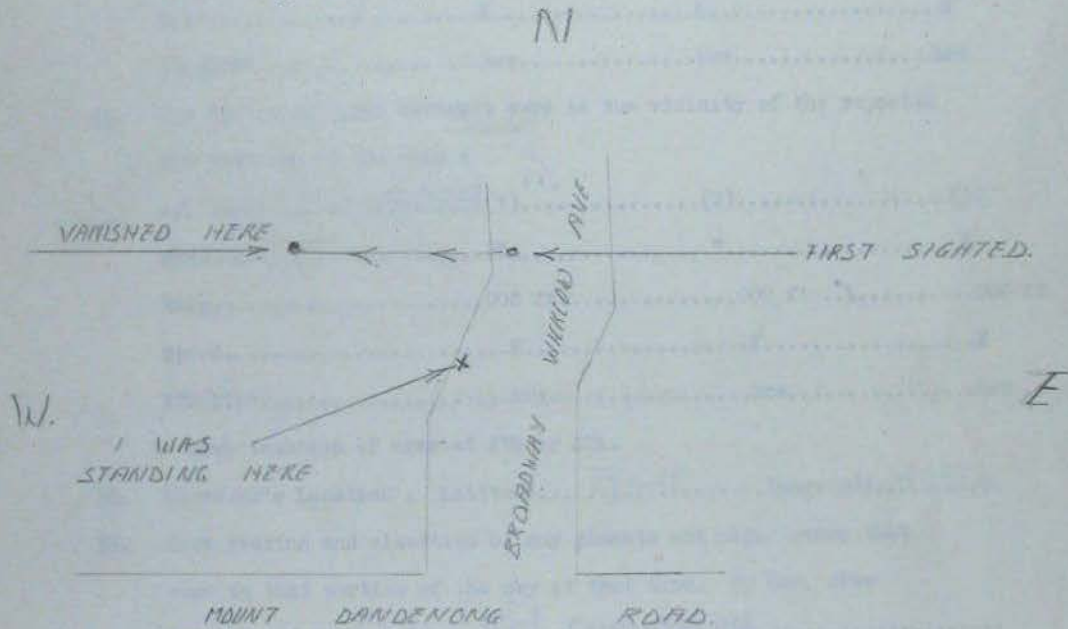
(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer K. G. SUTHERLAND Age 29
2. Address of observer. 36 MURRAY RD CROYDON
VICTORIA 3136 Phone. NIL
3. Occupation of observer. P.M.G. LINEMAN
4. Date and time of start of observation. 6 AM 10.4.73
How certain is the date? POSITIVE
How accurate is the time of start? WITHIN 2 OR 3 MINUTES
5. Duration of observation. 30 SECONDS
How accurate is your estimate? FAIR
6. Observer's location at time of sighting. BROADWAY
WICKLOW AVE CROYDON
How familiar is observer with this locality? VERY FAMILIAR
7. Weather conditions at time of observation. CLEAR + DARK
STARRY SKY
8. Describe any aids/equipment used in the observation. NIL
9. Where was object first observed? :
a. Relative to your surroundings. ALMOST ABOVE
APPROX 100 YDS NORTH - HEIGHT ESTIMATE IMPOSSIBLE
b. angle of elevation. APPROX 60 DEGREES
c. compass angle bearing. NORTH
d. how accurate are these estimates? FAIR
10. What first attracted observer's attention? BRIGHTNESS OF OBJECT
RELATIVE TO DARK SKY CAUGHT MY ATTENTION
11. If there was more than one light/object :
a. how many were there? ONE ONLY
b. in what formation were they? _____
12. What was the colour of the light or object? WHITE

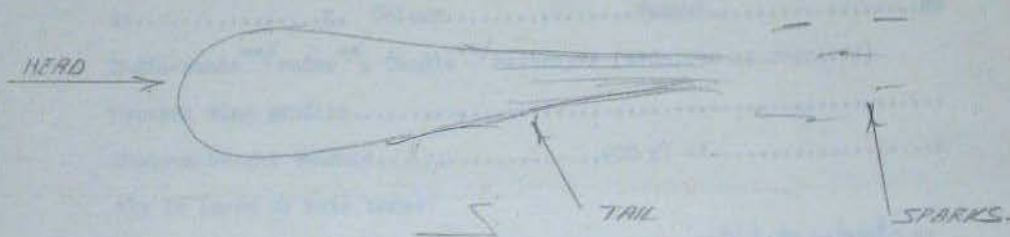
~~CONFIDENTIAL~~

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)..... *LIKE A LIT FLOURESCENT TUBE*.....
14. What was the apparent size at nearest approach?:
 - a. relative to Venus or Moon..... *RELATIVE TO FULL MOON*.....
 - b. relative dimensions in inches at arm's length (about 20 inches from the eyes)..... *2 INCHES*.....
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....
16. Was any method of propulsion obvious?..... *NO*.....
17. Describe any sound heard, including changes in pitch and intensity..... *NO SOUND*.....
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..... *SEE QUESTION 9*.....
19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances..... *CANNOT GIVE RELIABLE ESTIMATE OF SPEED*.....
20. Give duration of any stationary phases..... *THERE WERE NO STATIDINARY PHASES*.....
21. Describe any deviations or manoeuvres..... *NO DEVIATION OR MANOEUVRES*.....
22. Describe any trail of exhaust, vapour or light seen..... *OBJECT HAD A TAIL OF LIGHT WHICH SEEMED APPROX 4FT LONG FROM WHICH SPARKS EMITTED*.....
23. Where was object last observed :
 - a. relative to your surroundings..... *NORTH OF ME TRAVELLING NORTH WEST*.....
 - b. angle of elevation..... *APPROX 60°*.....
 - c. compass angle bearing..... *NORTH WEST*.....
24. What was the manner of its disappearance?..... *TAIL SHRUNK THEN LIGHT VANISHED SUDDENLY*.....
25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... *NO*.....
26. State any training which enables observer to be reasonably certain of his/~~her~~ ability to estimate angles and angular velocity..... *NONE*.....
27. How many witness to the sighting?..... *NONE*.....

28. Do you know of witnesses to similar sightings in the area?.....*NO*.....
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....*THE SUDDEN APPEARANCE & SUDDEN DISAPPEARANCE SEEMED TO GIVE THE IMPRESSION OF SOMETHING BURNING UP*.....
30. What are your main reasons for excluding this explanation?.....*I COULD NOT TELL WHAT THE ACTUAL OBJECT WAS.*.....
31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



SKETCH OF OBJECT SIGHTED.



Signature *R. L. Sullivan*.....

Date... *12/4/73*.....

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time :

A/C type.....Nil.....(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000 ft.....,000 ft.....,000 ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time :

A/C type.....Not considered.....(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000 ft.....,000 ft.....,000 ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

* Give location of nearest ATD or ATA.

34. Observer's Location : Latitude.....38-01S.....Longitude.....144-59E

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only.....Not considered.....

36. A meteorological balloon was released fromNot considered.....
at.....Z. Colour.....Weight.....gm
Radio-sonde **/radar **: Candle **/battery** (**delete as required)
General wind profile.....
Maximum height tracked.....,000 ft at.....Z
Was it known to have burst?

37. The first significant temperature inversion was ofNot considered^oC atft, measured at.....Z hrs from.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc. relevant to the sighting.....Visible Satellite Passes bulletin not available for IOAS 73.

39. When an aircraft is a possible identification, include radar trace

RESTRICTED

-5-

if available, and ascertain which of the aircraft lights were

operating.....

40. The cause (or likely cause) of the sighting ~~can~~*/cannot* be determined.

41. The object reported probably was*/~~may have been~~* (delete as required)

..... *Leaving object entering atmosphere*

..... *HRSC* (Unit) *R. O. Gibbs* (Name)

..... *4 MAY 73* (Date) *Flt. CPO* (Rank)

RESTRICTED

26 APR 73

SIGHTINGS # 12

WILLIAM TOWN
NSW

MAJ D CAMPBELL
F/PT C HEWITT

07 JUN '73

580/1/1 Pt 22 (13b)


Headquarters RAAF Williamtown (Attention: FIO)

REPORTS OF UNUSUAL AERIAL SIGHTING

References: A. HQWLM 5/2/AIR (36) dated 2nd May 1973
B. DEPAIR 580/1/1 Pt22 (13a) dated 6th June 1973

1. The information contained in paragraph 4 of reference B has been supplemented by information contained in later Spacewarn Bulletins.

2. On 17th April 1973, the Bulletin indicated that the satellite 1972-077A was expected to decay during the latter half of April 1973. The Bulletin dated 1st May 1973, and subsequent Bulletins have contained no further reference to this satellite. Although no actual decay date has yet been published, it is assumed that the satellite decayed between 17th April and 1st May 1973.


(K.R. JANSON)
Group Captain
for Chief of the Air Staff

580/1/1 Pt 22 (13a)


06 JUN '73

Headquarters RAAF Williamtown (Attention: FIO)

REPORTS ON UNUSUAL AERIAL SIGHTING

Reference: A. HQWLM 5/2/AIR (36) dated 2nd May 1973

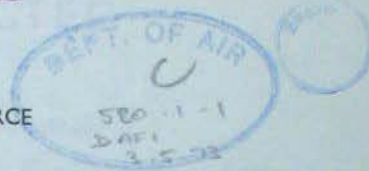
1. Investigation of the reports of an unusual aerial sighting on 26th April 1973, submitted by Major D.H. Campbell and Flight Lieutenant C.R. Hewitt, has revealed that the most probable cause was space debris burning up on entry into the Earth's atmosphere.
2. Of the 6397 man made objects catalogued since 1957, there were 2902 still in space on 29th April 1973. These objects periodically decay and are rendered incandescent as they re-enter the atmosphere.
3. Predictions are made by the World Warning Agency for satellites to re-enter the Earth's atmosphere, however, irregular fluctuations in solar activity greatly affect upper atmosphere density and accurate predictions are difficult.
4. A satellite designated 1970-077A was predicted to decay during April 1973, and taking into consideration the comments in paragraph 3, it is feasible that this satellite re-entering the atmosphere was the cause of the sighting. The description of the object being 'an intense white light comparable to burning magnesium' supports this theory. The apparent colour change could be attributed to atmospheric density variations or the object being viewed through a polluted atmosphere.
5. Information to validate or repudiate this theory is not available at this stage. If it is eventually determined that this particular satellite did not decay on 26th April, the sighting will be investigated further.
6. It is requested that this information be made available to Major D.H. Campbell and Flight Lieutenant C.R. Hewitt.


(K.E. JANSON)
Group Captain
for Chief of the Air Staff

RESTRICTED



ROYAL AUSTRALIAN AIR FORCE



TELEPHONE: Newcastle 65-1221

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

IN REPLY QUOTE 5/2/Air(36)

2 May 1973

Secretary
Department of Air
Russell Offices
CANBERRA ACT 2600

DAFI

For Information:

Headquarters Operational Command (Attn: C Intell O)

REPORT ON UNUSUAL AERIAL SIGHTING

1. Attached are two reports on an unusual aerial sighting witnessed by Major D.H. Campbell and Flight Lieutenant C.R. Hewitt, both of RAAF Base Williamtown. There has been no attempt at collusion or consensus in these submissions. The two officers were travelling together on the way to a day's fishing on 26th April 1973 when the object was sighted at approximately 0526 hours, and was in view for about five seconds. The object has been described as being:

- a. as an intense white light with a red trail; and
- b. blue to red with a red efflux, not quite as bright as a Very pistol round.

Apparent contradictions of this nature are considered reasonable, however, taking into account the brevity of time and shock value of the sighting. The path followed was from South to North, with elevation appearing to decrease at an angle of approximately 30°. No sound was heard.

2. There were no RAAF or civilian aircraft active at the time of the sighting, Jupiter and Mars were visible at 60° and 50° elevation respectively and there was a 2°C temperature inversion between 8-9000 ft.

3. The most likely explanation is that of space debris burning up on entry to the earth's atmosphere, however, this can only be a conjecture on the evidence presented.

/Forwarded

RESTRICTED



RAAF BASE WILLIAMTOWN.....(Unit)..... A.F. BLACKBURN.....(Name)

.....(Date)..... FLT LT.....(Rank)

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- 2 -

4. Forwarded for your further investigation

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4. Forwarded for your further investigation.

ASL
(A.F. BLACKBURN)
Flight Lieutenant
for Officer T/Commanding

- 1. Name of observer.....
- 2. Name of aircraft.....
- 3. Description of aircraft.....
- 4. Date and time of event if ascertainable.....
 How reported to you dated.....
- 5. Location of observation.....
 How accurate is your estimate.....
- 6. Observer's position at time of sighting.....
 How accurate is distance from you.....
- 7. Direction of flight or line of observation.....
- 8. Describe any signals and sound as they appeared.....
- 9. What was object first observed
 - a. Relative to your surroundings.....
 - b. angle of elevation.....
 - c. Discrete light bearing.....
 - d. How accurate are these estimates.....
- 10. What does object appear to be.....
- 11. If there was more than one observation
 - a. How many were there.....
 - b. In what formation were they.....
- 12. What was the colour of the light or object.....
- 13. What was the brightness (Compare with full moon at horizon light source at a stated distance..... at the point)
- 14. What was the apparent size of object, approximate
 - a. Relative to your thumb.....
 - b. Relative dimensions in terms of arm's length (about 20 inches from the eyes).....

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RAAF BASE WILLIAMTOWN.....(Unit).....A.F. BLACKBURN.....(Name)

.....(Date).....FLT LT.....(Rank)

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

- 1. Name of observer MAJOR D.H. CAMPBELL Age 42
- 2. Address of observer 66 1/2 Pechow RAF Base Wiltmoutown
Phone ST 2666
- 3. Occupation of observer Soldier
- 4. Date and time of start of observation 26 Apr 43 (0526 K)
How certain is the date? Certain
How accurate is the time of start? Watch checked 2000K - 4 mins fast
- 5. Duration of observation 4-5 seconds
How accurate is your estimate? (+/-) 1 second
- 6. Observer's location at time of sighting Passenger in a military vehicle
How familiar is observer with this locality? Resident 2 years at Wiltmoutown
- 7. Weather conditions at time of observation No cloud / mist - perfectly clear
- 8. Describe any aids/equipment used in the observation Nil
- 9. Where was object first observed:
 - a. Relative to your surroundings See statement
 - b. Angle of elevation 40°
 - c. Compass angle bearing Not taken
 - d. How accurate are these estimates? within 5°
- 10. What first attracted observer's attention? Bright light and red trail
- 11. If there was more than one light/object:
 - a. How many were there? 1
 - b. In what formation were they? 1
- 12. What was the colour of the light or object? Intense white light - red trail
- 13. What was the brightness? (Compare with full moon or common light source at a stated distance eg, ordinary street light at 100 yards)
Intense - comparable to burning magnesium
- 14. What was the apparent size at nearest approach:
 - a. Relative to Venus or ~~Moon~~ larger than
 - b. Relative dimensions in inches at arm's length (about 20 inches from the eyes) 5 - 3/4 inch

RAF BASE WILTMOUTOWN (Unit) A.F. BLACKBURN (Name)
 (Date) FLY LT (Rank)

5. Approximately 12 hours had elapsed before the writer's watch was checked, which was then 4 min fast. The actual time of sighting could be anywhere between 0522 - 0526 K.

6. Miss & Army assure the writer spent 6 years brooding on Borneo Island. During this period there was ample opportunity to observe terrestrial phenomena and this sighting was quite unlike anything observed previously.

7. It should be noted that whilst the sighting occurred on the morning following Buzze Day, both the writer and the witness were sober.

Rampier

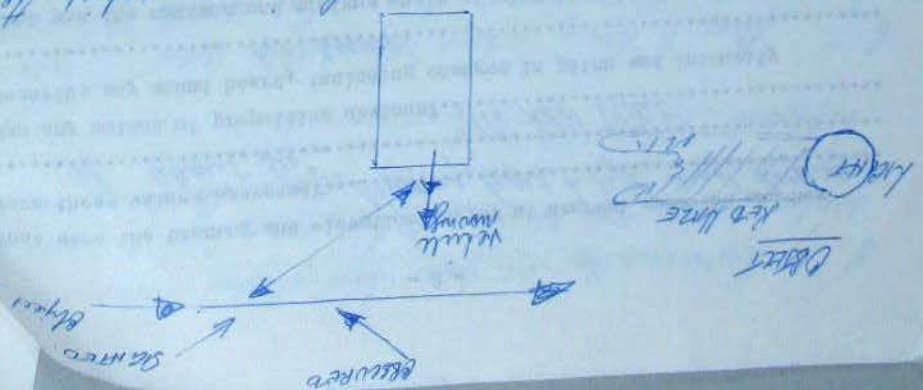
What were the b
were these valu
.....
15. Was any method o
Describe any sou
.....
16. What was the maxi
estimate can be ju
17. What was the maxi
estimate can be ju
familiar objects a
.....
18. Give
20.

- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed? *Moving light to left and descending at about 30°*
- 16. Was any method of propulsion obvious? *The red trail*
- 17. Describe any sound heard, including changes in pitch and intensity *No sound*
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? *My impression was 1-2000 feet*
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances. *Had the object been an aircraft - estimate 5-600 knots*
- 20. Give duration of any stationary phases. *None*
- 21. Describe any deviations or manoeuvres. *Nil*
- 22. Describe any trail of exhaust, vapour or light seen. *Red trail - not sure it is approx 1-1/2 inches in length*
- 23. Where was the object last observed:
 - a. Relative to your surroundings. *See Statement*
 - b. Angle of elevation.....
 - c. Compass angle bearing.....
- 24. What was the manner of its disappearance? *Obscured by trees*
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc.) *No*
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity. *22 years Army service*
- 27. How many witnesses to the sighting? *One*
- 28. Do you know of witnesses to similar sightings in the area? *No*
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? *We think entering the atmosphere*
- 30. What are your main reasons for excluding this explanation? *Quite unlike any observed by the writer*
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form.

Signature *Stanley* Date *1 May 73*

RAF Base WILKINBOROUGH (Unit) *A.F. BLANCHARD* (Name)
 (Date) *FLY LT* (Rank)

1. The importance of the drawing on which the object also moving in apparent but it is not precise for the following reasons:
 - a. The speed on which the vehicle was moving observed from East about East to East of approximately the area of the highway.
 - b. The vehicle was moving at 45-50 mph and the highway road only 4-5 lanes.
 - c. When the object was observed we estimated in the hope of depicting the object again and the object a little later focused into a star looking like the object had been stopped. Despite of some hours which later from the original sighting position before it was apparent.
2. In the witness comparison that we were looking EAST. Though the drawing would have been 30° - 10° East to the object first reaction to the object.
3. On seeing the object the witness first reaction to check the surroundings for reflection. There was no light or reflection from buildings and it also not a reflection. The witness also questioned and he drew the object at the same time.
4. The UFO was a ball of light, quite circular but the perimeter was not clearly defined. The light also contained similar to an organism breathing. To the near extended what appeared to be an exhaust trail. However the witness also stated that the witness also about the same shade for the entire length.



(As a preliminary to the sighting in his or of this form.)

1. Name of observer
2. Address of observer
3. Occupation of observer
4. Date and time of observation

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer... Capt RALPH HEWETT Age. 32
2. Address of observer... 21 SUSSEX CRESCENT
RAAF WILLIAMTOWN Phone.....
3. Occupation of observer... RAAF ENGINEER OFFICER
4. Date and time of start of observation... 26 APR 73 0530K APPROX
 How certain is the date? CERTAIN
 How accurate is the time of start? ± 5 MINUTES
5. Duration of observation... APPROX 5 SECONDS
 How accurate is your estimate? ± 2 SECS
6. Observer's location at time of sighting... Approx 9 miles east from RAAF
Williamtown at Bob's farm on the Nelson Bay road
 How familiar is observer with this locality? Very familiar
7. Weather conditions at time of observation... Before dawn - fine weather -
no cloud
8. Describe any aids/equipment used in the observation... nil
9. Where was object first observed:
 a. Relative to your surroundings... front right side
 b. Angle of elevation... Approx 45°
 c. Compass angle bearing... Not known precisely - about south
 d. How accurate are these estimates? ± 20°
10. What first attracted observer's attention? Bright light
11. If there was more than one light/object: no
 a. How many were there? one
 b. In what formation were they? N/A
12. What was the colour of the light or object? Blue to red, red effluve
13. What was the brightness? (Compare with full moon or common light source
 at a stated distance eg, ordinary street light at 100 yards)
Not quite as bright as a very pistol round
14. What was the apparent size at nearest approach:
 a. Relative to Venus or Moon... Bigger than Venus
 b. Relative dimensions in inches at arm's length (about 20 inches
 from the eyes)... 2 to 3 x her diameter

RAAF BASE WILLIAMTOWN (Unit) A.F. BLAUGBURN (Name)
 (Date) FLT LT (Rank)

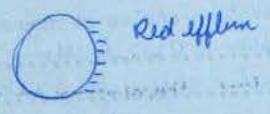
- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed? *Bearing 090° elevation 30-45° (from road direction and car witnesses observations cut off)*
- 16. Was any method of propulsion obvious? *NO*
- 17. Describe any sound heard, including changes in pitch and intensity *NO sound*
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? *Object travelled south to north elevation 45° to 15°*
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances. *not known*
- 20. Give duration of any stationary phases. *nil*
- 21. Describe any deviations or manoeuvres. *nil*
- 22. Describe any trail of exhaust, vapour or light seen. *more red towards rear - no vapor trail*
- 23. Where was the object last observed:
 - a. Relative to your surroundings. *north at about 15° elevation*
 - b. Angle of elevation. *15°*
 - c. Compass angle bearing. *about due north*
- 24. What was the manner of its disappearance? *Obscured by trees*
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc.) *NO*
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity. *nil*
- 27. How many witnesses to the sighting? *one*
- 28. Do you know of witnesses to similar sightings in the area? *NO*
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? *Very pistol*
- 30. What are your main reasons for excluding this explanation? *Location - relatively uninhabited - time about 0530K*
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form.

Signature. *D. Russell Flynn* Date. *2 May 73*

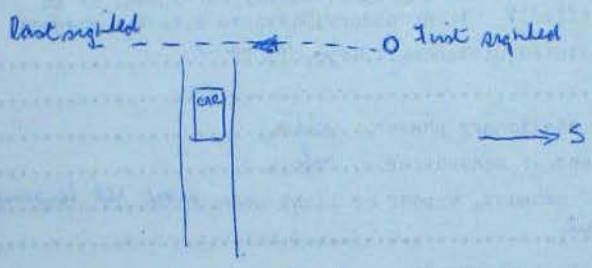
RAF Base WILMINGTON (Unit) *A.F. BLACKMAN* (Name)

(Date) *FLY LT* (Rank)

blue/red - bright object



Melrose Bay



Melrose Bay Road.

March 11 1882

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type... *NIL*(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000 ft.....,000 ft.....,000 ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type... *NIL*(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000 ft.....,000 ft.....,000 ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

*Give location of nearest ATD or ATA.

34. Observer's Location: Latitude... *39° 46'*Longitude... *152° 03'*

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at the time. By day, give location of Venus only. *Jupiter BRG 70° EL 60°; Mars BRG 83° EL 50°*

36. A meteorological balloon was released from... *N/A*
at.....Z...Colour.....Weight.....gm
Radio-sonde**/radar**; Candle**/battery** (**delete as required)
General wind profile.....
Maximum height tracked.....,000 ft at.....Z
Was it known to have burst?.....

37. The first significant temperature inversion was of *2* °C at *8-9000* ft, measured at *19.00 2/14/49* Z hrs from *Williamstown* station.

38. Any remarks on satellites, rockets, research balloons, ~~oons~~, meteorites etc relevant to the sighting... *None relevant?*

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating *N/A*

40. The cause (or likely cause) of the sighting can*/~~cannot~~ be determined.

41. The object reported probably ~~was~~ may have been* (delete as required). *Space debris burning up on entry to atmosphere*

RAAF Base Williamstown(Unit)..... *A.F. BLACKBURN*(Name)

.....(Date)..... *FLY LT*(Rank)

25 MAR 73

SIGHTING # 11

CHARLESTOWN
NSW

MRS. FRASER

FROM DEPAIR	FILE 580/11 P. 22(25)	DATE 28 MAY 73	REFERENCES Your 5/2 AIR P 3(33) OF 2 MAY 73.
TO HOWLM	ATTENTION FIO		
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

Enclosed for your records, is a copy of a letter from this Department to Mrs W.B. Fraser, in reply to her report of an unusual aerial sighting.

ENCLOSURE. Copy of letter to Mrs W.B. Fraser

SIGNATURE M. Gretton	NAME M. GRETTON	RANK FLC OFF	APPOINTMENT R-2	PHONE NO 2408
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580/1/1 Pt22 (12a)

13 MAY 1973

Mrs W.B. Fraser,
21 Fairview Avenue,
CHARLESTOWN, NSW 2290

Dear Madam,

With reference to your report of unusual aerial sightings on the nights of 25th and 26th March 1973, it has been determined that the most probable cause, on both occasions, was a satellite.

On these two nights, an unnamed United States satellite, No. 1964/001A, was predicted to have been visible travelling from south to north over Newcastle at about the time of your sightings. The time taken to traverse the field of view corresponds with the length of time of the sightings. Confirmation of the satellite sighting was made by Flt Lt Blackburn of RAAF Williamtown as a result of your phone call to him on the occasion of the second sighting.

We trust that this determination is satisfactory, and thank you for your interest.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

K
Graham
DAN
24 May 73

~~RESTRICTED~~
RESTRICTED



ROYAL AUSTRALIAN AIR FORCE



TELEPHONE: Newcastle 65 1221

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

2nd May 1973

IN REPLY QUOTE 5/2/Air Pt 3 (33)

DAFI
The Secretary
Department of Air
Russell Offices
CANBERRA ACT 2600

For Information:

Headquarters Operational Command

REPORT ON UNUSUAL AERIAL SIGHTING

1. Forwarded herewith is a report on an unusual aerial sighting observed on the night of 25th March 1973 at 2100 hours local by Mrs Wilma Fraser of Charlestown. Mrs Fraser was interviewed at her home on the afternoon of 26th March 1973. The sighting lasted for 3-4 minutes, the object being a sparkling silver light, which, over the period of the sighting traversed the full field of view, yet did not give the impression of rapid movement. No sound was heard during the sighting.
2. There were no military aircraft active at the time of sighting and one civil aircraft, FNP, northbound, was over flying Newcastle at 2103 hours local. An unnamed US satellite, No 1964/001A is recorded as being visible before 2123 hours on 25th March, AZ286, EL80, HDG21. There was no temperature inversion whatsoever.
3. On the night of 26th March, at 2100 hours approximately, the writer received a telephone call from Mrs Fraser to say the object was again visible. Having viewed the object, and again there was no sound associated with it, it can almost certainly be identified as the satellite cited in paragraph 2.
4. Forwarded for your further attention.

[Signature]
(A.F. BLACKBURN)
Flight Lieutenant
for Officer T/Commanding

Enclosure: 1. Report on Unusual Aerial Sighting



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RESTRICTED

..... *RAAF Base Williamtown* (Unit) *A.F. BLACKBURN* (Name)
..... (Date) *Flt Lt* (Rank)

RESTRICTED



RECEIVED

REPORT ON

Part 1

(As a preliminary to completing the sighting in his or her own name of this form.)

1. Name of observer.....
2. Address of observer.....
3. Occupation of observer.....
4. Date and time of sighting.....
How certain

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

- 1. Name of observer... WILMA BETTY FRASER Age.....
- 2. Address of observer... 21 FAIRVIEW AVE CHARLESTOWN
Phone 430547
- 3. Occupation of observer... HOMEDUTIES
- 4. Date and time of start of observation... 25 MAR 73 2:00 HRS
How certain is the date? QUITE
How accurate is the time of start? ± 5 minutes
- 5. Duration of observation... 3-4 MINUTES
How accurate is your estimate? REASONABLY
- 6. Observer's location at time of sighting... AT ABOVE ADDRESS
How familiar is observer with this locality? VERY LIVED IN AREA FOR 10 YEARS
- 7. Weather conditions at time of observation... QUITE CLEAR - NO CLOUD
- 8. Describe any aids/equipment used in the observation... NONE
- 9. Where was object first observed:
 - a. Relative to your surroundings... SSW
 - b. Angle of elevation... 30°
 - c. Compass angle bearing... 190° approx
 - d. How accurate are these estimates? reasonably
- 10. What first attracted observer's attention? HUSBAND WAS LETTING CAT OUT AND NOTICED OBJECT
- 11. If there was more than one light/object:
 - a. How many were there?
 - b. In what formation were they?
- 12. What was the colour of the light or object? SPARKLING SILVER
- 13. What was the brightness? (Compare with full moon or common light source at a stated distance eg, ordinary street light at 100 yards)
SHARPER IN BRIGHTNESS THAN MOON
- 14. What was the apparent size at nearest approach:
 - a. Relative to Venus or Moon... BIGGER THAN VENUS
 - b. Relative dimensions in inches at arm's length (about 20 inches from the eyes)... ABOUT THE SIZE OF A 50¢ COIN

..... RAAF Base Williamtown (Unit)..... A.F. BLACKBURN (Name)
 (Date)..... Feb 78 (Rank)

REPORT OF FIELD WORK

Part I - General Information

(This information is required for the first two chapters in general, and should be included in the report, using other chapters as needed in the report.)

1. Name of student.....
2. Address of student.....
3. Institution in which work was done.....
4. Date and time of observation.....
5. How contact was made.....
6. Name of supervisor.....
7. Position of supervisor.....
8. Character of location of work.....
9. Nature of work.....
10. Nature of observations.....
11. Nature of equipment used in the observation.....
12. How was contact made.....
13. Nature of work.....
14. Nature of observations.....
15. Nature of equipment used in the observation.....
16. How was contact made.....
17. Nature of work.....
18. Nature of observations.....
19. Nature of equipment used in the observation.....



15. What were the results?
16. Was an estimate made?
17. Description of work?
18. What was done?
19. What was the result?

- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed?..... STAYED SAME DISTANCE DURING OBSERVATION.....
- 16. Was any method of propulsion obvious?..... NO.....
- 17. Describe any sound heard, including changes in pitch and intensity..... NONE.....
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..... maintained steady course S-N.....
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances..... APPEARED TO TRAVEL AT SPEED OF HELICOPTER.....
- 20. Give duration of any stationary phases..... NONE.....
- 21. Describe any deviations or manoeuvres..... NONE.....
- 22. Describe any trail of exhaust, vapour or light seen..... NONE.....
- 23. Where was the object last observed:
 - a. Relative to your surroundings..... DISAPPEARED TO NORTH
 - b. Angle of elevation..... 30°
 - c. Compass angle bearing..... 150
- 24. What was the manner of its disappearance?..... DISAPPEARED OVER HORIZON.....
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc.)..... NONE.....
- *26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... NONE.....
- 27. How many witnesses to the sighting?..... OBSERVER AND HUSBAND.....
- 28. Do you know of witnesses to similar sightings in the area?..... NONE.....
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?..... NONE.....
- 30. What are your main reasons for excluding this explanation?.....
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form.

Signature M. Fraser.....

Date 26/3/73.....

RAAF Base Williamtown (Unit)..... A. F. BLACKBURN (Name)

..... (Date)..... FLY 18..... (Rank)

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....*NIL*.....(1).....(2).....(3)

Heading.....*T*.....*T*.....*T*

Height.....*000* ft.....*000* ft.....*000* ft

Speed.....*K*.....*K*.....*K*

ATD/ATA*.....*hrs*.....*hrs*.....*hrs*

33. The following civil aircraft were in the vicinity of the reported UFO position at the time: *Aircraft over flying Newcastle area*

A/C type.....*Boeing 747*.....(1).....(2).....(3)

Heading.....*along + due north*.....*T*.....*T*.....*T*

Height.....*UNK*.....*000* ft.....*000* ft.....*000* ft

Speed.....*UNK*.....*K*.....*K*.....*K*

ATD/ATA*.....*N/A*.....*hrs*.....*hrs*.....*hrs*

*Give location of nearest ATD or ATA.

34. Observer's Location: Latitude.....*32° 58'*.....Longitude.....*151° 40'*

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at the time. By day, give location of Venus only.....*NIL*.....

36. A meteorological balloon was released from.....*N/A*..... at.....*Z*.....Colour.....Weight.....*gm*

Radio-sonde**/radar**; Candle**/battery** (**delete as required)

General wind profile.....

Maximum height tracked.....*000* ft at.....*Z*

Was it known to have burst?.....

37. *N/A* The first significant temperature inversion was of *NIL* °C atft, measured at.....*Z* hrs from.....station.

38. Any remarks on satellites, rockets, research balloons, ~~comets~~, meteorites etc relevant to the sighting.....*Unimped. US Satellite 11/14/601A*

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating.....*N/A*.....

40. The cause (or likely cause) of the sighting can*/cannot* be determined.

41. The object reported probably was*/may have been* (delete as required). *Satellite as perich 38 shows. Was visible before 2123 hrs local*

.....*RAAF Base Williamtown*.....(Unit).....*A.F. BLACKBURN*.....(Name)

.....(Data).....*File 18*.....(Ref)

25 MAR 78

SIGHTING # 10

BOULDER
NW

MRS BRADLEY

FROM DEPAIR	FILE 580/1/P.22(115)	DATE 18 JUN 73	REFERENCES HOWLM S/2/A/R(34) (35) OF 2 MAY 73
TO HOWLM		ATTENTION FIO	
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTING			

Enclosed for your records are copies of letters from this Department to Mr. K.M. Burrows and Mrs G.P. Bradley in reply to their reports of unusual aerial sightings.

ENCLOSURES: Copies of letters to Mr K.M. Burrows and Mrs G.P. Bradley

SIGNATURE M. GRETTON	NAME M. GRETTON	RANK FNG OFF	APPOINTMENT IR-2	PHONE NO 2408
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de

15 JUN 1973

580/1/1 Pt 22 (11a)

Mrs G.P. Bradley,
61 Fifth Street,
BOOLAROO, NSW 2284

Dear Mrs Bradley,

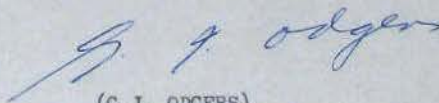
With reference to your report of an unusual aerial sighting on 25th March 1973, the opinion of the investigating team is that the sighting was of two objects, viz, a falling star or meteorite and then of the planet SATURN.

From your description of the sighting it appears that after observing the falling object which probably extinguished in the vicinity of the second object, your view then focussed onto the second object. The planet Saturn was visible on a bearing of 315° and at an elevation 30° above the horizon at 7 pm on the 25th March and declined in elevation by 12° in the twenty minutes of viewing. The apparent movement of the object may be attributed to the reflection of light from the planet passing through varying density layers of the atmosphere and the colour of the object is attributable to the atmospheric pollution level pertaining at the time. These unusual movements and colour are very common when atmospheric pollution is evident and are scientifically acknowledged throughout the world.

We regret the delay in finalizing this investigation and trust that the explanation is satisfactory.

Thanking you for your interest.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

Handwritten note:
L. [unclear]
D.A.S.
14 June 73

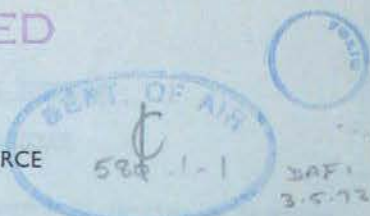
Handwritten note:
Not by D/R
15-6-73
A

~~RESTRICTED~~ RESTRICTED



ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: Newcastle 65-1221



Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

2nd May 1973

IN REPLY QUOTE 5/2/Air(34)

Secretary
Department of Air
Russell Offices
CANBERRA ACT 2600

DAFI

For Information:

Headquarters Operational Command

REPORT ON UNUSUAL AERIAL SIGHTING

1. Attached is a report on an unusual aerial sighting reported by Mrs G.P. Bradley of 61 Fifth Street Boolaroo. The observation was made at 1900 hours on 25th March 1973. Unfortunately, the writer was unable to interview Mrs Bradley, and it was mutually agreed that she would complete Part 1, to be mailed to her, and return this as soon as possible. The forms were eventually received at this Headquarters on 11th April, during the absence of the writer at the RAAF School of Languages. The sighting lasted for approximately twenty minutes, and during the initial telephone call, Mrs Bradley was most adamant about both the unusual movement of the object and the fact that it was quite dis-similar to an aircraft.

2. Weather conditions at the time of sighting were clear, visibility approximately 20NM. There was no temperature inversion. No military or civil aircraft were active and no satellites were visible. Saturn was visible at about 30° elevation on bearing 315° approximately. It is possible that the sighting was in fact Saturn, with the movement attributable to light refraction brought about by some unknown extreme meteorological condition.

3. Forwarded for your further investigation.

NofA

Debra Egle-Bradley 13/6/73.
2 objects sighted.



A.F. Blackburn
(A.F. BLACKBURN)
Flight Lieutenant
for Officer T/Commanding

Enclosure: 1. Report on unusual aerial sighting

~~RESTRICTED~~ RESTRICTED

..... RAAF BASE WILLIAMTOWN..... (Unit)..... A.F. BLACKBURN..... (Name)
..... (Date)..... FCL LT..... (Rank)



(As a preliminary to
the sighting in his or
of this form.)

1. Name of observer
2. Address of observer
.....
3. Occupation
4. Date and time
How

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

- MRS BRADLEY 36
CINDY BRADLEY 15
1. Name of observer.....Age.....
 2. Address of observer.....
61 FIFTH ST
BOOLAROO.....
 3. Occupation of observer.....Phone.....
STUDENT ASSISTANT PRE-SCHOOL WORKER HOUSEWIFE
 4. Date and time of start of observation.....
25-3-73 - 7 PM
How certain is the date?.....
POSITIVE
How accurate is the time of start?.....
VERY ACCURATE
 5. Duration of observation.....
20 MINUTES
How accurate is your estimate?.....
VERY ACCURATE
 6. Observer's location at time of sighting.....
BACK YARD for daughter
back step for self
How familiar is observer with this locality?.....
Very (Mrs)
 7. Weather conditions at time of observation.....
very clear night, Moon
and stars very distinct
 8. Describe any aids/equipment used in the observation.....
NONE
 9. Where was object first observed:
 - a. Relative to your surroundings.....
SEE DRAWINGS.....
 - b. Angle of elevation.....
HT. 100-500 FT. approx. 2 miles
 - c. Compass angle bearing.....
North West
 - d. How accurate are these estimates?.....
NOT SURE
 10. What first attracted observer's attention?.....
Object falling from
sky, plus red light blinking on & off
 11. If there was more than one light/object: No
 - a. How many were there?.....
 - b. In what formation were they?.....
 12. What was the colour of the light or object?.....
Red
 13. What was the brightness? (Compare with full moon or common light source
at a stated distance eg, ordinary street light at 100 yards)
.....
ordinary street light at 100 yards
 14. What was the apparent size at nearest approach:
 - a. Relative to Venus or Moon.....
about size of big star
 - b. Relative dimensions in inches at arm's length (about 20 inches
from the eyes).....
CAN'T ANSWER

RAAF BASE WILLIAMTOWN (Unit)..... A.F. BLACKSWAN (Name)

..... (Date)..... FLT LT (Rank)

Emily was standing in back yard, and upon
 looking into the sky I observed what
 I at first thought to be a falling star,
 so I called my mother to ask her opinion.
 Mrs. I knew that object was not a shooting
 star. It moved that object was not a shooting
 in sky and made backward and forward
 quite a bright red light with flashing
 on and off the quickly. The object was
 not in the area where any planes
 flew to my knowledge. I would be
 all alone taken. The object would be
 quite low on horizon and then go up
 higher, finally my daughter saw it
 more quite suddenly and the back
 of the hill in the direction of Dallas
 and disappears from sight. This was
 approximately 7:20 pm.
 Mrs. Bradley.

My husband observed the object briefly
 also, about 10 minutes before it
 disappeared.

What were the
 were these valu
 16.
 17. Was any method of
 Describe any sound
 No sound
 18. What was the maximum a
 estimate can be justifi
 19. What was the maximum and
 estimate can be justified
 familiar objects
 faster

or shooting
or opening
ing after,
foyer
woto

- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed?..... ~~can't answer~~
..... ASSESSMENT NAKED EYE
- 16. Was any method of propulsion obvious?..... don't know
- 17. Describe any sound heard, including changes in pitch and intensity
..... no sound was heard
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..... can't answer
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances... seemed to be moving faster than a plane normally does
- 20. Give duration of any stationary phases..... none at all
- 21. Describe any deviations or manoeuvres... high, low, backward, forwards
- 22. Describe any trail of exhaust, vapour or light seen.....
..... None - ~~to~~ ~~back~~
- 23. Where was the object last observed: DUB WAST
a. Relative to your surroundings..... west in the sky
b. Angle of elevation..... seemed low
c. Compass angle bearing..... west
- 24. What was the manner of its disappearance?..... sudden
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc.).....
..... No
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... None
..... HUSBAND C.M. FUEL AA BY RAA
- 27. How many witnesses to the sighting?..... Two + HUSBAND
- 28. Do you know of witnesses to similar sightings in the area?..... No
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?..... A plane or helicopter
- 30. What are your main reasons for excluding this explanation?..... wasn't in area where planes normally fly
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form.

Signature..... G.P. Bradley Date..... 1-4-3
C. Bradley

..... RAAF BASE WILLOWBROOK..... (Unit)..... A.F. BLACKBURN..... (Name)
..... (Date)..... FLY LT..... (Rank)

32.

The fol.
 UFO posi
 A/C type
 Heading...
 Height.....
 Speed.....
 ATD/ATZ*.....
 The following c
 UFO position at
 A/C type.....

33.



	FOR		ACTION TO BE TAKEN	HQWLM
	ACT	INF		
HQWLM			REPLY DIRECT (COPY HQWLM)	OC
BSWLM				ADMINSO
481SQN				ASO
76SQN				AIR 1
77SQN			REPLY TO OC FOR SIGNATURE	AIR 2
20CU				AIR 3
				AIR 4
4FLT			REPLY TO HQWLM BY	SAR
3CRU				
ASU				
66GL				
SPECIAL INSTRUCTIONS:				



5/2/02 (34)

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:
 A/C type... *NIL*(1).....(2).....(3)
 Heading.....T.....T.....T
 Height.....,000 ft.....,000 ft.....,000 ft
 Speed.....K.....K.....K
 ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:
 A/C type... *NIL*(1).....(2).....(3)
 Heading.....T.....T.....T
 Height.....,000 ft.....,000 ft.....,000 ft
 Speed.....K.....K.....K
 ATD/ATA*.....hrs.....hrs.....hrs

*Give location of nearest ATD or ATA.

34. Observer's Location: Latitude... *32° 57'* Longitude... *157° 37'*

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at the time. By day, give location of Venus only. *SATURN BRG 315° EL 30°*

36. A meteorological balloon was released from... *N/A*
 at.....Z...Colour.....Weight.....gm
 Radio-sonde**/radar**; Candle**/battery** (**delete as required)
 General wind profile.....
 Maximum height tracked.....,000 ft at.....Z
 Was it known to have burst?.....

37. *N/A* The first significant temperature inversion was of *NIL* °C atft, measured at.....Z hrs from.....station.

38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc relevant to the sighting... *NIL*

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating
N/A

40. The ~~cause~~ (or likely cause) of the sighting can*~~not~~* be determined.

41. The object reported probably ~~was~~ /may have been* (delete as required).
Saturn, distorted by extreme meteorological conditions

..... *RAAF BASE WILLOWTOWN* (Unit)..... *A.F. BLACKBURN* (Name)

..... (Date)..... *Flt Lt* (Rank)

9 MAR 73

SIGHTING # 9

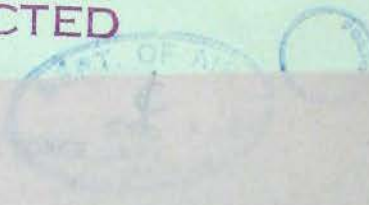
TEA GARDENS
NSW

MR. BIRNBOSS

RESTRICTED



ROYAL AUSTRALIAN AIR FORCE



580/1/1 Pt 22 (10a)

15 JUN 1973

Mr K.M. Burrows,
Coupland Avenue,
TEA GARDENS NSW 2324

Dear Sir,

With reference to your report of an unusual aerial sighting on 9th March 1973, it has been determined that the most probable cause was a sighting of the OAO-A2 Rocket No. 1968/110B.

On that evening the OAO-A2 Rocket was predicted to be visible from the area between Sydney and Brisbane at approximately 1835 hours, travelling from south to east. Additionally there was a significant temperature inversion between the surface and 1000 feet which would normally result in moderate atmospheric pollution. This would account for the colour of the object sighted.

We trust that this explanation is satisfactory and thank you for your interest.

Yours faithfully,

G.J. Odgers
(G.J. ODGERS)
Director of Public Relations

*Copy
sent
14 Jun 73*

RESTRICTED

*No 9
Sent by DLR
15-6-73*

.....(Date)..... *FCT LT*(Rank).....

RESTRICTED

RESTRICTED



ROYAL AUSTRALIAN AIR FORCE

DEPT. OF AIR
586.1.1
DAFI
3-5-73

TELEPHONE: Newcastle 65-1221

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

IN REPLY QUOTE 5/2/sir(35)

2nd May 1973

Secretary
Department of Air
Russell Offices
CANNBERRA ACT 2600

DAFI

For Information:

Headquarters Operational Command (Attn: C Intell O)

REPORT ON UNIDENTIFIED AERIAL SIGHTING

- Attached is a report from Mr K.M. Burrows of Tea Gardens, New South Wales, on an unidentified aerial sighting observed on 9th March 1973. The writer was unable to interview Mr Burrows personally, but Part 1 was forwarded to him by mail, and returned to this Headquarters on 30th March 1973. The observation was made at 1830 hours local, while Mr Burrows was seated within his home, and took the form of a bright greenish/blue light travelling at great speed with no attendant sound. The object travelled from the SSE to ENE over a period of 20 seconds at an estimated elevation of 25°. No vapour trail was noticed.
- At the time of the observation, there were no RAAF or civil aircraft active in the area, and no major planets visible. A surface temperature inversion of 2.5°C was measured at Williamtown at 1115Z hours. OAO-A2 Rocket No 1968/110B is recorded as being visible at 1845 hours local AZ 175 EL 79 HDG 91, and it is possible that this is the object sighted. The discrepancy in elevation could be accounted for by the fact that the observation was made from a sitting position within a building.
- Forwarded for your further attention.

[Signature]
(A.F. BLACKBURN)
Flight Lieutenant
for Officer T/Commanding

RESTRICTED

.....*RAAF Base Williamtown*.....(Unit).....*A.F. BLACKBURN*.....(Name)
.....(Date).....*FLT LT*.....(Rank)



REPORT ON UNUSUAL SIGHTINGS
Part 1 - Report

(As a preliminary to completing this form, the observer should complete the sighting in his or her own manner, using either this form.)

1. Name of observer..... *BURKOWS*
2. Address of observer..... *Southern Heights, Kent*
3. Occupation of observer..... *DEPT. REG.*
4. Date and time of start of observation.....
5. How certain is the date?
6. Duration of observation.....

Observer: *...*

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

- 1. Name of observer..... BURROWS Kenneth Max Age 30
- 2. Address of observer..... Cockhill Avenue TEH. GARDENS Phone 970303
- 3. Occupation of observer..... DEPT RECORDER NEW DIST FORMWORKS CO
- 4. Date and time of start of observation..... 18.30 3TH MARCH 1973
 How certain is the date? ACCURATE
 How accurate is the time of start?..... WITHIN TEN MINUTES
- 5. Duration of observation..... APPROXIMATELY (20) TWENTY SECONDS
 How accurate is your estimate?..... APPROXIMATE
- 6. Observer's location at time of sighting..... WITHIN THE HOUSE
 ... AND ... SITTING
 How familiar is observer with this locality?..... LIVED IN TOWN FOR 24 YEARS LIVED IN THIS STREET 4 YEARS
- 7. Weather conditions at time of observation..... CLEAR SKY
 ... CALM CONDITIONS WIND NE DIRECTION
- 8. Describe any aids/equipment used in the observation..... NONE
- 9. Where was object first observed:
 - a. Relative to your surroundings..... S.S.E.
 - b. Angle of elevation..... APPROXIMATELY 25° FROM HORIZON
 - c. Compass angle bearing..... NO COMPASS AVAILABLE HOWEVER POINT FIXED IN RELATION TO TREES IN FRONT YARD
 - d. How accurate are these estimates?..... APPROXIMATE WITHOUT INSTRUMENTS AVAILABLE
- 10. What first attracted observer's attention?..... INSIGHT GREEN TO BLUE LIGHT AT GREAT INTENSITY TRAVELLING AT GREAT SPEED WITHOUT SOUND
- 11. If there was more than one light/object:
 - a. How many were there?..... NA
 - b. In what formation were they?..... NA
- 12. What was the colour of the light or object?..... GREENISH BLUE
- 13. What was the brightness? (Compare with full moon or common light source at a stated distance eg, ordinary street light at 100 yards)
 SIMILAR INTENSITY TO PARACHUTE FLARE AT 100 YDS
 BUT INTENSITY THEN STREET LIGHT AT 100 YDS
- 14. What was the apparent size at nearest approach:
 - a. Relative to Venus or Moon..... SMALLER THAN FULL MOON
 THE OBJECT WAS IN THE SOUTHERN CAUS
 - b. Relative dimensions in inches at arm's length (about 20 inches from the eyes)..... 1"

..... RAF Base WILLIAMTOWN (Unit) A.F. BLACKBURN (Name)
 (Date) PCT LT (Rank)

- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed? *BEARING SSE TO ENE ELEVATION CONSTANT BEARINGS ASSESSED THROUGH FISHERMAN'S GENERAL KNOWLEDGE*
- 16. Was any method of propulsion obvious? *NO*
- 17. Describe any sound heard, including changes in pitch and intensity *NONE*
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? *ELEVATION CONSTANT AT APPROX 25°*
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances. *SPEED MUCH IN EXCESS OF MIDGE TET AT SIMILAR DISTANCE*
- 20. Give duration of any stationary phases. *NONE*
- 21. Describe any deviations or manoeuvres. *NONE*
- 22. Describe any trail of exhaust, vapour or light seen. *NO EXHAUST OR VAPOUR TRAIL SEEN*
- 23. Where was the object last observed:
 - a. Relative to your surroundings. *APPROX ENE*
 - b. Angle of elevation. *APPROX 25°*
 - c. Compass angle bearing. *POINT FIXED IN RELATION TO POWER POLE ON STREET*
- 24. What was the manner of its disappearance? *LIGHT WENT OUT WITHIN AFTER A MOMENT*
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc.) *NO*
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity. *3 YEARS NAVY ON R/L 2159*
- 27. How many witnesses to the sighting? *MYSELF*
- 28. Do you know of witnesses to similar sightings in the area? *YES*
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? *TRACER FIRE OR DISTRESS ROCKET*
- 30. What are your main reasons for excluding this explanation? *FLAT TRAJECTORY NO NOISE NO VAPOR TRAIL WRONG COLOR NO APPARENT STARTING OR FINISHING POINT*
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form.

Signature *A. F. Blackburn*

Date *25th March 73*

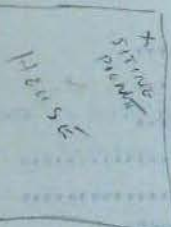
RAF Base WILLIMORON (Unit) *A. F. BLACKBURN* (Name)
 (Date) *P.C.T. LT* (Rank)



FINISHING BEARING

Point
Point

DISTANCES INDEFINITE



Point
Point

START BEARING

	FOR		ACTION TO BE TAKEN	HQWLM
	ACT	INF		
HQWLM			REPLY DIRECT (COPY HQWLM)	OC
BSWLM				ADMINSO
481SQN				ASO
76SQN				AIR 1
77SQN			REPLY TO OC FOR SIGNATURE	AIR 2
20CU				AIR 3
				AIR 4
4FLT			REPLY TO HQWLM BY	SAR
3CRU				
ASU				
56GL				
SPECIAL INSTRUCTIONS:				

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type... *NIL*(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000 ft.....,000 ft.....,000 ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type... *NIL*(1).....(2).....(3)
Heading.....T.....T.....T
Height.....,000 ft.....,000 ft.....,000 ft
Speed.....K.....K.....K
ATD/ATA*.....hrs.....hrs.....hrs

*Give location of nearest ATD or ATA.

34. Observer's Location: Latitude *32° 40'* Longitude *152° 12'*

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at the time. By day, give location of Venus only. *N/A*

36. A meteorological balloon was released from..... *N/A*
at.....Z...Colour.....Weight.....gm
Radio-sonde**/radar**; Candle**/battery** (**delete as required)
General wind profile.....
Maximum height tracked.....,000 ft at.....Z
Was it known to have burst?.....

37. The first significant temperature inversion was of *2.5* °C at *surface*
to 1000 ft, measured at *1115 Z* hrs from *WILLIAMTOWN*
.....station.

38. Any remarks on satellites, rockets, research balloons, ~~meteors~~ *comets*,
meteorites etc relevant to the sighting. *CAO Rocket 1068/1108*

39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating

40. The ~~cause~~ (or likely cause) of the sighting can*/cannot* be determined.

41. The object reported ~~probably was~~ may have been* (delete as required).
CAO-A2 Rocket 1968/1108

RAAF Base WILLIAMTOWN (Unit) *A. F. BLACKBURN* (Name)

(Date) *FCT CT* (Rank)



MARCH/APRIL 1982/83

SIGHTINGS # 8

NAMBOUR
ON

M.S.D. McALLOON

580/1/1 Pt22 (9b)

27 JUN '73

Mr D.S. McAlloon,
C/- Post Office,
NAMBOUR QLD 4560

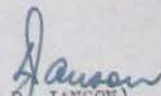
Dear Sir,

Thank you again for your report and for your co-operation with Squadron Leader Howley during his recent visit to your area. As you requested then your tape recordings enclosed.

You mentioned that you intended to forward your report to the United Kingdom and the United States of America, but may I suggest that you reconsider that intention. Both nations have conducted extensive investigations into UFO reports over many years and have concluded that there is no evidence to justify belief in visitations by extra-terrestrial beings. Naturally the maintenance of national security was of prime importance to the authorities and investigations were, and are, confined to sightings within national boundaries. Under the circumstances you will appreciate that your report would be of interest to overseas authorities, but that the time lapse and distance from their areas of particular interest would make it highly improbable that any worthwhile investigation would be conducted. Should you still wish to press your intention I will undertake to forward you reports to the appropriate authorities in the United Kingdom and America.

If you would like to follow up your interest in UFO I would recommend that you read the book 'Scientific Study of Unidentified Flying Objects', written by Dr Edward M. Condon. This book is the complete report of official investigations into UFO sightings in America and is the report to which I referred earlier in this letter.

Yours faithfully,


(K.R. JANSON)
Group Captain
for Chief of the Air Staff

580/1/1 Pt22 (9a)


Mr D.S. McAlloon,
C/- Post Office,
HAMBOUR 4560
QUEENSLAND (per safe hand Sqn Ldr Howley)

Dear Sir,

I am writing to thank you for your comprehensive report of the object you saw so long ago. You will be aware that there would be little hope of establishing the exact nature of the object after such a long time and in the absence of other corroboratory advice. We get many reports of sightings of unidentified objects and have found that prompt reporting makes it much easier for us to determine causes. Nevertheless your report will be kept for study and for reference and may help to fill a gap in our store of reference material.

You need have no fear that your action will in any way prejudice your standing with the Royal Australian Air Force, or have any effect on your pension entitlement. The Officer who delivers this to you will also personally deliver to you my thanks for the effort you made in producing such a comprehensive and interesting report.

Yours faithfully,


(K.F. JANSON)
Group Captain
for Chief of the Air Staff

*NOA. This course of action discussed with
DBPP and ASIA 9 May*

9 May 1937



ROYAL AUSTRALIAN AIR FORCE

DEPT. OF AIR
534 1-18
580-1-1
DAFI
3.5.73

TELEPHONE: 527477 Exts 395 & 396
(A/H 566412)

RAAF Public Relations Office
7th Floor, Aviation House
Cnr Wickham & Ballow Streets
FORTITUDE VALLEY. QLD. 4006

IN REPLY QUOTE 13/34/AIR(35)

May 3, 1973

The Secretary
Department of Air
Russell Offices
CANBERRA. ACT. 2600

DAFI

Dear Sir,

Mr. D. McAlloon, of Nambour, Q. 4560, contacted me by telephone today with regard to a letter he says he wrote to the Department two weeks ago.

Apparently his purpose in writing was to offer a five-page report referring in detail to a flying saucer he sighted in the Nambour area some years ago.

Mr. McAlloon says that in the letter he offered the report "free of charge on condition that it would in no way adversely affect his DFRB pension".

As he has received no acknowledgement of the letter or the report, he is now a little concerned that he may have said the wrong thing in making stipulations about the pension! He asked me if I could write this letter in an attempt to clear the matter up for him and get an assurance that he has not "offended" anyone in the Department.

Thank you in anticipation of some advice in this regard.

Yours sincerely

G. H. Thurlow
(GERALD H. THURLOW)
RAAF Public Relations
Officer, Queensland.

NCA.

*Ring Mr Thurlow PM 9 May and explained that we would write to Mr McAlloon directly and reassure him. See F after this.
9 May 73 J. Gyles*



~~1. A Sec A~~ July 29/5
534/1/18(4)
The Secretary
Department of Air

DEPT OF AIR
534.1.18
4th May 1973
% Post Office
Hamhour 4560
Queensland

Dear Sir,

I thank you for your letter
in reply to my letter of the 17th April.
I have mailed to you today under
separate cover.

- 1 Four Page report of UFO.
- 1 Drawing full size in colour.
- 1 Cassette tape recording of additional
information.

Thanking you.

Mr D S McAlloon.

DAF1

Please find enclosed,

- 1 Four Page Report on V.F.O. Sighting
- 1 Full Size drawing in Colour
- 1 Cassett tape recording of additional information

D S McAlloon

Mc Alloon enlisted ⁽¹⁹⁾ 2.10.42 worked on F. Battle, K'land, Mustang
(David Sydney) discharged 8.3.46

~~He~~ re-enlisted 27.10.47 worked on Kinston + Canberra

79122 discharged MVEF 10.7.57

A1283

OBSERVATION OF U.F.O.

The sighting occurred at approximately 2 p.m. - the time of the year about the end of March/early April. The weather was mild and fine, with occasional white cloud and the breeze was from the south-east. The year was 1932 or 1933.

I was 8 or 9 years old at the time; I am now 50 years old. My birthday was 1924, 2nd October.

The town was Nambour, Queensland, the spot was about a half mile west of the town. The area of the sighting was on a small creek running through the family farm, and there was a small swampy area just to one side of the creek where water oozed out of the hillside. There was always water at this spot the year around and every year.

There was a small hill, right around the base of which the swampy pools of water lay. It is a rather odd shaped hill, almost a cone, and it definitely is not joined on to a large hill close to it; the pools of water separate them.

I was playing with a group of boys and girls in the vicinity of this small hill, and I wandered some distance from them and approached a tall growth of grass which grew all around the edge of a small pool of water just at the foot of this hill. I put both hands up in front of me and parted this tall grass to look through.

I heard a low humming sound, and saw a round object directly in front of me, about four feet away.

It looked the same shape as if two ordinary saucers were placed face to face and then turned on their sides. There was a small circle around the top of the top dome of the object, the area in this circle, about three-quarters of the way up the top dome was curved upwards into a smaller dome, but not like a button shape, more gently curved. The colour of the object was the same shade of silver grey as a Canberra bomber looks on a dull, rainy, overcast day. It was this same colour all over. The size of the object was 12" in diameter. It hovered 3" above the surface of the water. There was a slight, almost imperceptible shiver of the water surface directly below the object as if it was directing a force directly downward in order to stay in the air. It was not a draught of air as from a jet engine, as the waves going outwards in concentric circles directly below the object were so small in height as to amount to no more than a shivering of the surface. The object remained perfectly still over the same spot, 3" above the surface of the water. There was a very high speed shiver motion of the object as if a gyro-stabiliser of some kind were keeping it upright. As I bent forward to look more closely, the humming sound rose suddenly in pitch and volume, and at the same time a whitish mist began to form between me and the object, but close to it. I did not see any holes from which it came, and I think it was some form of an electronic mist.

I could still see through it, though like one can see through a nylon cloth woven very fine. I could still see its outline. At the same time the mist began to form, I felt a tight feeling in the head and as the noise increased, I let go of the tall grass and stepped back. I could not see it any more, and I felt stunned in the head, but I could still hear it humming behind the tall grass.

I did not see any holes or vents in the upper surface of the object - it was smooth all the way around as would be expected of a high speed flying machine - nor did I see any control surfaces or flaps or rudders or fins.

There were no seams welded or rivetted to be seen, no hatches or light housings.

I did not see any flashing lights, and when I looked closer at it, I could see the bottom area was free from any rounded bumps or landing gear. There were no legs under it - just the smooth rounded bottom. There were no portholes or windows. There were no marking or lettering on the object.

I did not touch it or get closer than four feet any time.

Soon afterwards, everyone decided to go up to the house, and on the way one girl said suddenly, "What was that? Something flew up between those trees.*" "It was a magpie," someone said. "No it was not," said the first girl. I did not see anything, but I knew what it was; it was the object flying off.

That night I noticed large white blisters on both of my hands and I felt out of sorts. Sometime during the night whilst I was

asleep, most of the blisters burst, and one or two remaining burst during the day and a clear fluid like water came out. I felt better after that.

The blisters were the size of a three-penny piece and were pure white.

Signed *D. S. McAlloon*
Address *c/o Post Office*
..... *Namhour*
..... *Queensland 4560*
Dated *17th April 1973*



SIDE ELEVATION. APPROX FULL SIZE.

534/1/18(4)

1st May 1973

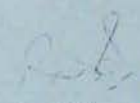
Mr D.S. McAlleen
C/- Post Office
RAEBUR QLD 4560

Dear Sir,

I wish to acknowledge receipt of your letter of 17th April and assure you that any report you may choose to forward to this Department will be given every attention.

Further, no action of an adverse nature would be taken upon receipt of such a report, nor would there be any effect whatsoever on a pension you may be receiving.

Yours faithfully,


(R.D. BARNES)
Wing Commander
Provost Marshal

The Secretary
Department of Air.
P.M.
Rec/Comp.

3
17/4/33
C/o Post Office
Hamilton 2503
Queensland.

Dear Sir,

I have separately compiled
a report of a U.F.O. Observation which
occurred some time about March 1933.

How ever before forwarding this
report could I get your written assurance
in reply that no ulterior action would
be taken against me in any form
such as suspension or reduction of my
D.F.R.B. pension.

This report has been compiled in
furthering the intrests of national security
and I can assure at this point I have no
Political motivations whatsoever.

Yours sincerely,

Mr. D. S. McAllison.

15 APR 73

SIGHTING #7

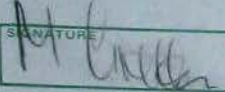
CHEMSIDE
(L)

MRS B WRIGHT

DEPAIR	FILE 5801.1/P22(8b)	DATE 28 MAY 73	REFERENCES Your 82W5/9/AIR(15) OF 2 MAY 73
TO HQAMB	ATTENTION 6 SON INTELO		
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

Enclosed, for your records, is a copy of a letter from this Department to Mrs B. Wright, in reply to her report of an unusual aerial sighting.

ENCLOSURE: Copy of letter to Mrs B. Wright.

SIGNATURE 	NAME M. CRETTON	RANK FLC OFF	APPOINTMENT IR-2	PHONE NO 2408
--	--------------------	-----------------	---------------------	------------------

580/1/1 Pt 22 (8a)

25 MAY 1973

Mrs B. Wright,
53 Reinhold Crescent,
CHEERMSIDE, QLD 4032

Dear Madam,

With reference to your report of an unusual aerial sighting on 15th April 1973, investigations have not been conclusive in determining the cause. A theory considered by the investigating team to be a logical explanation, however, is that the sighting was either a rocket flare or other pyrotechnic device fired into the air by someone in the local area.

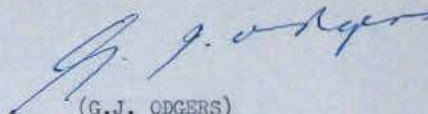
The time taken for the object to fall to the ground would correspond with that of a rocket flare, as these are often retarded in their descent by a small parachute. The brightness of the object also supports the above theory.

Normally, logical explanations such as aircraft movements, meteorological measurement devices, satellites, planet/star positions or space debris entry into the atmosphere, are available in answer to reports of unusual aerial sightings.

We regret that the theoretical explanation for your sighting has not been substantiated to date but if further information becomes available to us, the investigation will re-open.

Thanking you for your report.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

f
4/15/73
DAH
24 May 73

8

FROM HQ RMB	FILE 82W 5/AIR (15)	DATE 2 MAY 73	REFERENCES
TO DEPAIR		ATTENTION DAFI - 1R	
SUBJECT UFO REPORT			

1. FORWARDED IS ONE COPY OF A UFO REPORT BY MRS B. WRIGHT OF 53 REINHOLD CRES, CHERMSIDE.
2. ATTACHED TO THE REPORT AS ANNEX A IS THE INVESTIGATING TEAM'S REPORT.

ENCLOSURE: 1. UFO REPORT AND ANNEX A



SIGNATURE <i>L. Egan</i>	NAME L. EGAN.	RANK FLY OFF	APPOINTMENT 6 SEN (WREN)	PHONE NO 2059
-----------------------------	------------------	-----------------	-----------------------------	------------------

REPORT ON UNUSUAL AERIAL SIGHTINGPart I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of Observer... MRS. B. WRIGHT Age.....
2. Address of Observer... 53 REINHOLD CRES
CHERMSIDE Phone... N.O.
3. Occupation of Observer... HOME DUTIES
4. Date and time of start of observation... 15 TH APRIL 1973 2.45
 How certain is the date?... CERTAIN
 How accurate is the time of start?... POSITIVE
5. Duration of observation... 30 SECONDS
 How accurate is your estimate?... 7.5 SECS
6. Observer's location at time of sighting... AT ABOVE
ADDRESS
 How familiar is observer with this locality? LIVED
HERE FOR 2 1/2 YEARS
7. Weather conditions at time of observation... VERY
LIGHT CLOUD (MISTY) CIRCLE AROUND MOON
8. Describe any aids/equipment used in the observation.....
NIL
9. Where was object first observed:
 (a) Relative to your surroundings AT ELEV OF ABOUT
50° LOOKING FROM BACK STEPS OF HOUSE
 (b) angle of elevation... 50° ± 5°
 (c) compass angle bearing... 10°
 (d) how accurate are these estimates... ± 5°
10. What first attracted observer's attention? HOUSEHOLD
SHEPHERD DOG BARKED DRAWING OBSERVER'S
ATTENTION TO OBJECT.

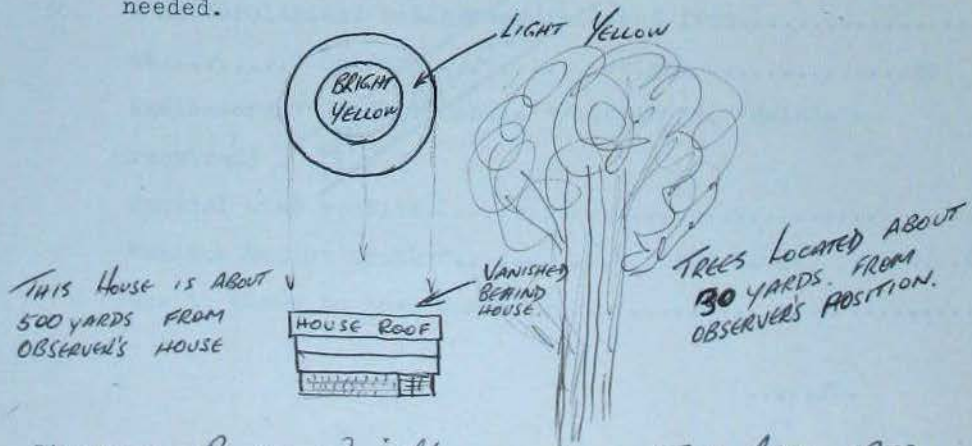
RESTRICTED

RESTRICTED

- 11. If there was more than one light/object:
 - (a) how many were there?..... *N/A*
 - (b) in what formation were they?... *N/A*
- 12. What was the colour of the light or object? *YELLOW-BRIGHT*
- 13. What was the brightness? (compare with full moon or common light source at a stated distance, e.g. ordinary street light at 100 yards). *YELLOW*
BRIGHTER THAN FULL MOON
- 14. What was the apparent size at nearest approach:
 - (a) relative to Venus or Moon.... *SAME AS MOON*
 - (b) relative dimensions in inches at arm's length (about 20 inches from the eyes). *6" BRIGHT*
CENTRE WITH 12" LIGHT YELLOW HAZE
AROUND.
- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.. *10° BEARING*
5° ELEVATION ; *ESTIMATED*
- 16. Was any method of propulsion obvious?..... *NO*
- 17. Describe any sound heard, including changes in pitch and intensity..... *NO SOUND*
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?.. *50 MIN → 5 MIN*
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances... *FAIRLY SLOW*
- 20. Give duration of any stationary phases... *NIL*
- 21. Describe any deviations or manoeuvres... *STRAIGHT DOWN*
- 22. Describe any trail of exhaust, vapour or light seen.....
OBJECT WAS BRIGHT YELLOW FADING TO LIGHT
YELLOW AROUND CIRCUMFERENCE.
- 23. Where was object last observed:

...13

- (a) relative to your surroundings..... DISAPPEARED BEHIND HOUSE AND RIDGE LINE
- (b) angle of elevation..... 5°
- (c) compass angle bearing..... 10°
- 24. What was the manner of its disappearance?..... BELOW HORIZON
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... NO
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... NIL BUT ASSISTED BY RAF PERSONNEL
- 27. How many witness to the sighting?..... ONE - BUT NEIGHBOUR SAW REFLECTION ON HER WINDOW
- 28. Do you know of witnesses to similar sightings in the area?..... YES - NEIGHBOUR SAW UFO ABOUT 1.8 MTHS AGO
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....
- 30. What are your main reasons for excluding this explanation?..... NEVER SEEN ANYTHING LIKE IT BEFORE
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



Signature... B. W. Wright.....

Date... 17TH APRIL 1973..

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)
 Heading.....T.....T.....T
 Height.....,000 ft.....,000 ft.....,000ft
 Speed.....K.....K.....K
 ATD/ATA*.....hrs.....hrs.....hrs

NO MILITARY ACTIVITY

33. The following civil aircraft were in the vicinity of the reported UFO position at the time:

A/C type.....(1).....(2).....(3)
 Heading.....T.....T.....T
 Height.....,000 ft.....,000 ft.....,000ft
 Speed.....K.....K.....K
 ATD/ATA*.....hrs.....hrs.....hrs

NO CIVILIAN ACTIVITY

* Give location of nearest ATD or ATA.

34. Observer's Location: Latitude $27^{\circ} 22' 57'' S$ Longitude $153^{\circ} 02' 14'' E$

35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only.....

36. A meteorological balloon was released from.....

at.....Z Colour.....Weight.....gm

Radio-sonde**/radar *NIL BALLOONS* Candle**/battery**(**delete as required)

General wind profile.....

Maximum height tracked.....,000 ft at.....Z

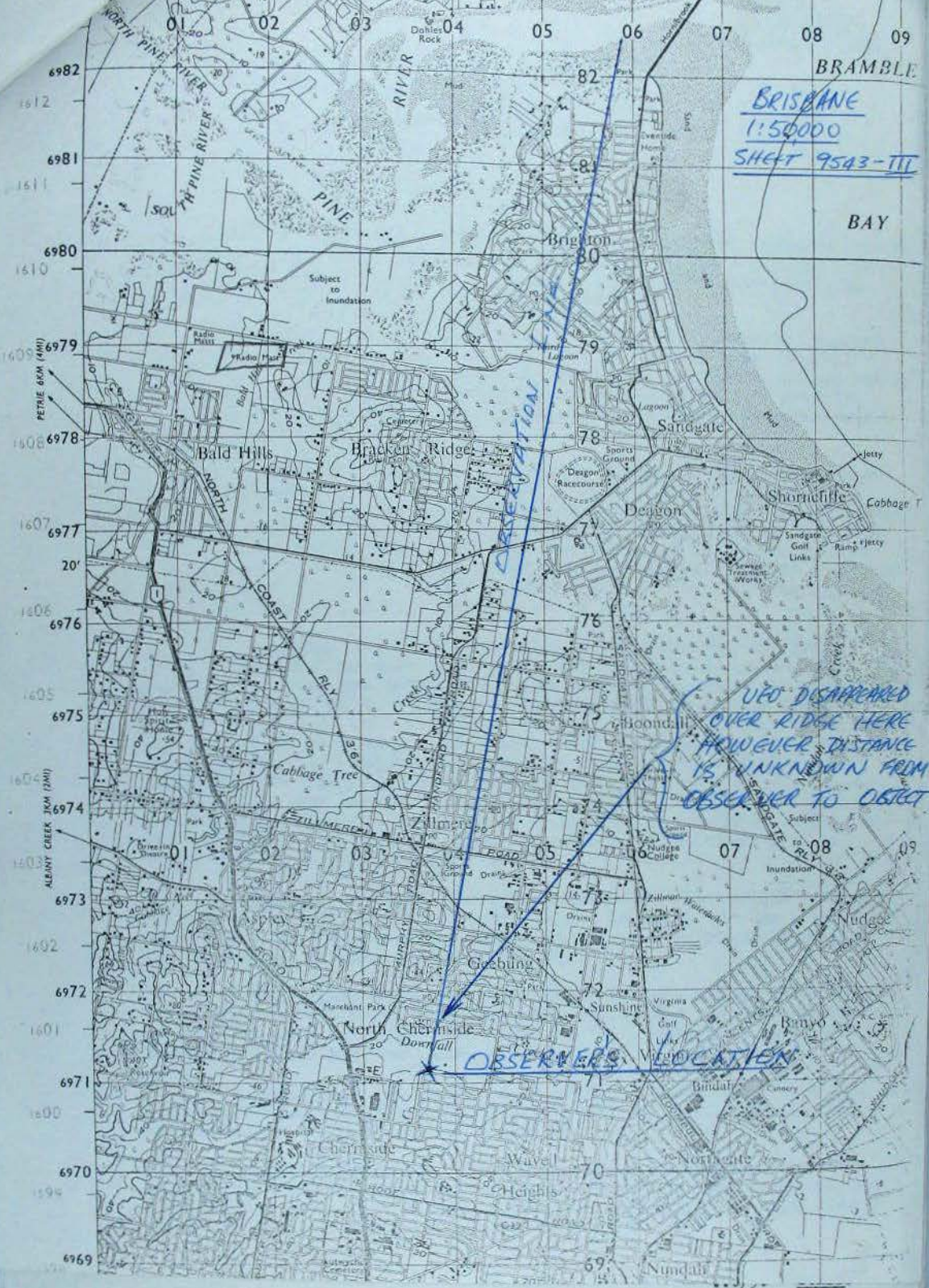
Was it known to have burst?.....

...../5.

- 37. The first significant temperature inversion was of°C atft, measured at.....Z hrs from.....station.
- 38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc. relevant to the sighting.....
LATEST SATELLITE BULLETIN NOT AVAILABLE.....
- 39. When an aircraft is a possible identification, include radar trace if available, and ascertain which of the aircraft lights were operating.....
- 40. The cause (or likely cause) of the sighting can*/cannot* be determined.
- 41. The object reported probably ~~was~~*/may have been* (delete as required)
A METEORITE SEE ANNEX A.....

.....82 W.....(Unit).....L. J. EGAN.....(Name)
2 MAY 1973.....(Date).....Flying Officer.....(Rank)

BRISBANE
1:50000
SHEET 9543-III



UFO DISAPPEARED
OVER RIDGE HERE
HOWEVER DISTANCE
IS UNKNOWN FROM
OBSERVER TO OBJECT

OBSERVER'S LOCATION

RESTRICTED

RESTRICTED

ANNEX A
TO UFO REPORT
DATED 2 MAY 1973

REPORT ON UNIDENTIFIED FLYING OBJECT SIGHTING
AT CHERMSIDE, BRISBANE ON 15TH APRIL 1973
BY FLYING OFFICER L.J. EGAN

INTRODUCTION

1. At 1000 hours on Monday, 16th April 1973, Mrs Betty Wright telephoned 82W Intelligence Section to report that she had sighted an Unidentified Flying Object (UFO). An interview was arranged for the following day with Flying Officer Egan and LAC Knight as the investigating team.
2. Location. Mrs Wright's house is located at 53 Reinhold Crescent, Chermiside. At the back of the house is crown land through which Downfall Creek passes. About 500 yards from the house across the vacant land and creek, is a small ridge with slightly more elevation than the observer's property. The UFO was viewed across the vacant block and it was seen to disappear over the horizon (ridge and house).
3. Observer. Mrs Wright was the only witness to this observation as far as the investigating team know. She is in her late forties and is a divorcee. Mrs Wright stated that she has seen Comets, Falling Stars, Fireballs, Satellites, and Lightning Strikes over the years, however, most of these were around Roma and Injune (QLD) and in South Australia. A friend living at the same address, informed the investigators that Mrs Wright was visibly shaken and upset by the experience of the UFO sighting. The team was informed that she does not partake of alcoholic beverages of any kind.
4. Sighting. Mrs Wright was watching television when her german shepherd dog's barking caused her to go to the back steps to quieten him. Her attention was drawn immediately to a bright yellow source which was at an elevation of about 50° on a bearing of 10°. The UFO was seen to travel vertically downwards until it disappeared from the observer's view behind some houses about 500 yards away. Mrs Wright could not say what distance the object was from her location. She said the whole area of land that can be viewed from the back steps of her house was quote, "lit up - as if the whole area was under very powerful flood-lights," unquote. The UFO had a circular bright yellow centre with a diameter of 6 inches and a hazy yellow outer area with a diameter of 12 inches. (These measurements were estimated for an object at about 20 inches from the eye.
5. Weather. The full moon was visible at the time and quite bright, however, the emitted light from the UFO was far brighter. At the time of observation, there were varying amounts of cloud cover - this could account for the hazy yellow circumference of the object.
6. The Weather Bureau was contacted and information supplied confirms that there were no balloons in the Chermiside area at the time of observation. If there had been, this would not account for the brightness of the light as balloon lights are very small and quite weak.
7. Satellites. No evaluation of satellite movements in the region can be made because the Satellite Prediction Bulletin for the date of observation has not been received by this HQ.
8. Aircraft Movements. There were no recorded military or civil aircraft operating in the area at the time. It is felt that there would not have been any privately owned light aircraft or helicopters operating either, due to the time - it was almost midnight on a Sunday.

.../9. Stars.

RESTRICTED

RESTRICTED

-2-

9. Stars. There were no stars on line of observation; within the elevation angles; or bright enough to be seen through the light cloud layer at the time.

CONCLUSION

10. The investigating team and office staff at 82W HQ have been unable to determine the cause of the unusual sighting. It is remotely possible, however, that it could have been a meteorite travelling in a parabolic trajectory over the observer's position towards Deception Bay or even further North into the ocean.

SIGHTING #6

R. TOMKINS



21-1-387



580/1/1 Pt 22 (7b)

15 JUN 1973

Mr R. Tomkins,
2/408 Murphy Street,
Frenchville,
NORTH ROCKHAMPTON, QLD 4701

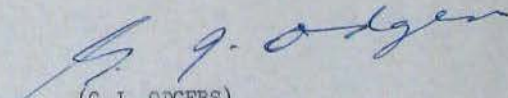
Dear Sir,

Investigation of your report of an unusual aerial sighting in December 1972 has not been conclusive in determining the cause. A theory considered by the investigating team to be a logical explanation, however, is that the sighting was an object either thrown up by or from a passing vehicle.

Although the object appears quite large in the photograph, it is probable that a very small object moved across the field of view of the camera at the instant the photograph was taken. The relative speed of the object would not necessarily be great, but because of its close proximity, the apparent speed would be far greater. This theory is substantiated by the blurred image of the object compared with the clarity of other images in the picture.

Two negatives are returned herewith, and we thank you for your report.

Yours faithfully,


(G.J. ODGERS)
Director of Public Relations

Handwritten notes:
A
5/1/73
DOK
14 Jun 73

Handwritten notes:
NOA
Loop by DPK
15/6/73
6

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form)

1. Name of observer ROYCE TOMKINS..... Age 40.....
2. Address of observer 21208 MURPHY ST.....
FRENCHVILLE.. NORTH ROCKHAMPTON Phone.....
3. Occupation of observer SENIOR PRISON OFFICER.....
4. Date and time of start of observation 11:30 AM - 12-72.....
How certain is the date? NOT CERTAIN.....
How accurate is the time of start BETWEEN 11:30 AM + NOON.....
5. Duration of observation ONLY SECONDS.....
How accurate is your estimate?
6. Observer's location at time of sighting GLADSTONE RD
ROCKHAMPTON. ABOUT 1/2 MILE SOUTH OF CITY.....
How familiar is observer with this locality?.....
..... WELL KNOWN.....
7. Weather conditions at time of observation.....
LIGHT BREEZE. CLOUDLESS. BRIGHT SUN.....
8. Describe any aids/equipment used in the observation
OBJECT OBSERVED ONLY THROUGH CAMERA LENS.....
9. Where was object first observed? :
(a) Relative to your surroundings SEE PHOTOGRAPH
AND ATTACHED SKETCHES.....
(b) Angle of elevation APROX 30°.....
(c) compass angle bearing ~~270°~~ 190°.....
(d) how accurate are these estimates PRISMATIC COMPASS.....
10. What first attracted observer's attention?
- FLASH OF LIGHT IN CAMERA LENS.....

11. If there was more than one light/object:
 - (a) how many were there? ... ONLY ONE
 - (b) in what formation were they? ... N/A
12. What was the colour of the light or object? ... ?
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg, ordinary street light at 100 yards) reflected light, probably from sun.
14. What was the apparent size at nearest approach:
 - (a) relative to ~~Venus or Moon~~ JAGUAR MK10 CAR.
 - (b) relative dimensions in inches at arm's length (about 20 inches from the eyes)
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
MAY BE TRAVELLING WESTWARD
16. Was any method of propulsion obvious? NONE NOTICED
17. Describe any sound heard, including changes in pitch and intensity ONLY NORMAL TRAFFIC NOISES.
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
X
19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances ESTIMATE SPEED OF JAGUAR CAR
APPROX. 40 MPH. CAMERA SHUTTER SPEED. 1/125 sec.
20. Give duration of any stationary phases NONE NOTICED
21. Describe any deviations or manoeuvres NONE NOTICED
22. Describe any trail of exhaust, vapour or light seen
..... NONE NOTICED
23. Where was object last observed? : 190°
 - (a) relative to your surroundings 200° SEE PHOTOGRAPH
 - (b) angle of elevation APPROX. 30°

/(c)

- (c) compass angle bearing... ~~200°~~ 190°
- 24. What was the manner of its disappearance? *NOT NOTICED.*
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)?
No
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity .. *N/A*
- 27. How many witnesses to the sighting? *ONE (SELF)*
- 28. Do you know of witnesses to similar sightings in the area? *No... (RUMORS... et... SIMILAR SIGHTINGS)*
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? *?*
- 30. What are your main reasons for excluding this explanation? *?*
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

Signature *Royce Tomkins*

Date *24-5-73*

DAFI

ROYCE TOMKINS.
2/408 Murphy St.,
Frenchville.
North Rockhampton.
Q. 4701.

30/5/73.

Mr. G. C. Odgers.

Sir.

RE: 508/1/1 Pt 22 (7a).

The object in the photograph (sent previously) was not seen by me only through the Camera lens ~~AM~~ and then only for a brief moment. I wound on the film in the camera and then looked up. There was no object in sight. I then took another photograph of the same area and took little more notice.

This was sometime in December 1972. The film was not developed until January 1973. By this time noone in Rockhampton was interested in the object ~~ax~~ and some time passed before the photograph was forwarded on to you VIA D.C.A.

The object reflected light into the camera lens thus making it hard to recognise what the object could be.

The Jaguar car in the photograph was travelling at about 40.M.p.h. Judging from this I believe that the object was travelling at about ~~100~~ 100.M.p.h.

Enclosed are some sketches of the area with some angles and distances from the camera position. Hoping this information is of value to you.

Enclosed also are the negatives which I would like returned .

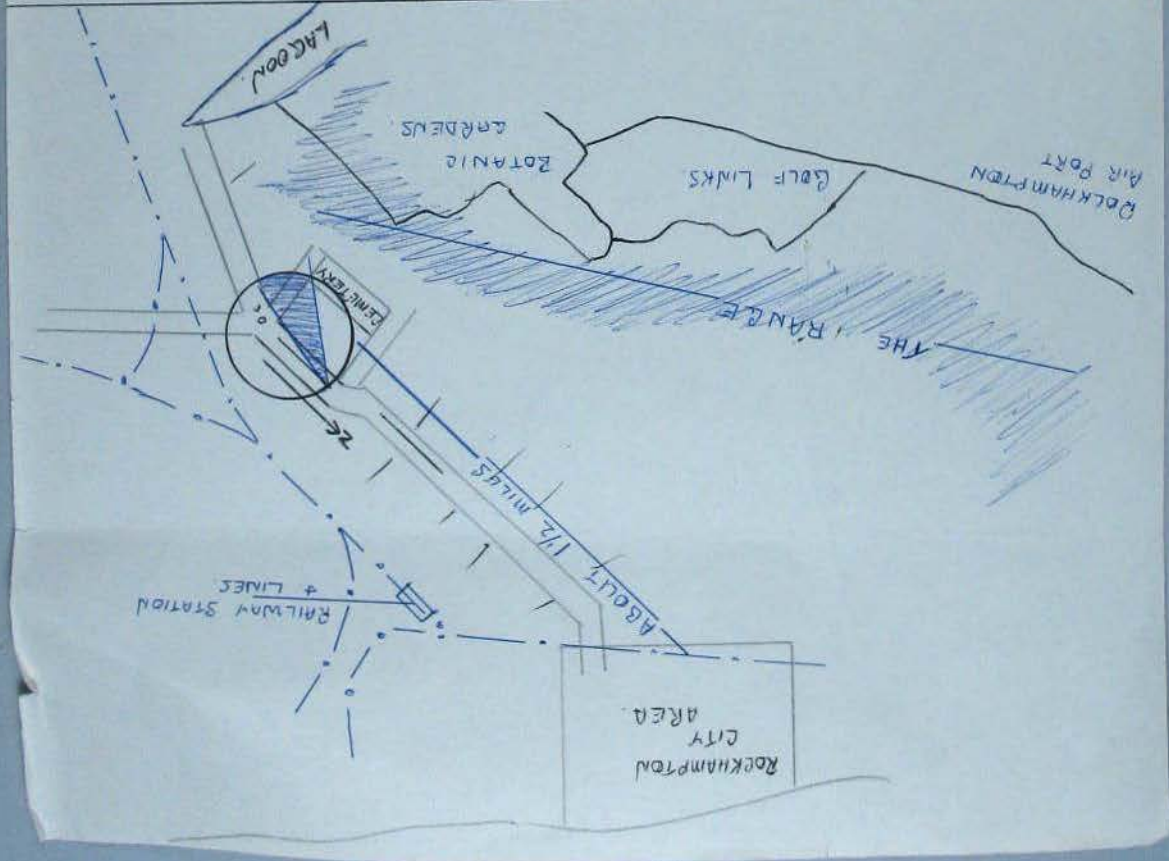
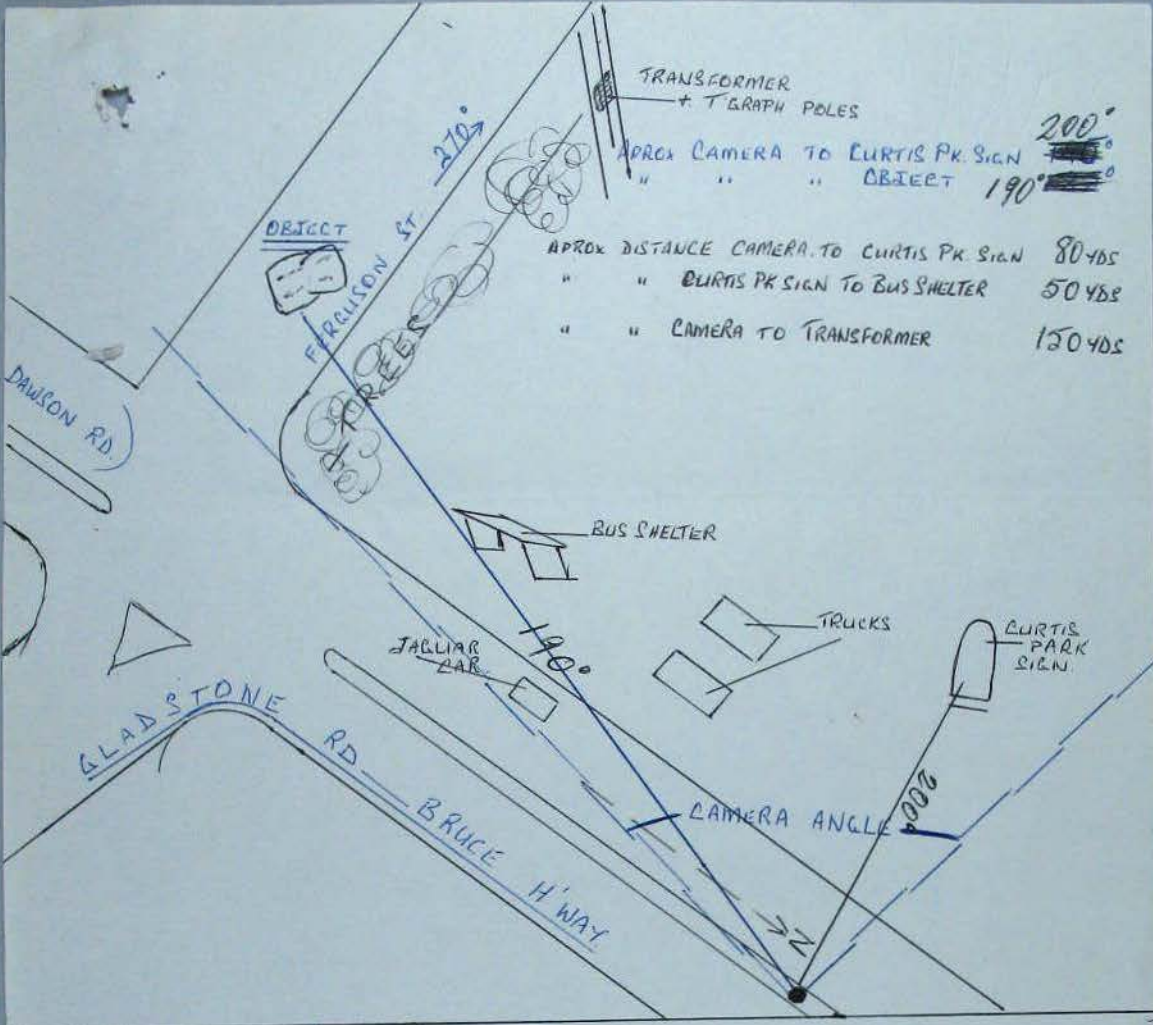
Camera details.

35mm. EXACTA . Single lens reflex.

Lens. BIOTAR. f. 2 .. 58mm. (standed lens).

Yours .

Royce Tomkins
ROYCE TOMKINS.



E 8 MAY 1973

580/1/1 Pt22 (7a)

Mr R. Tomkins,
2/408 Murphy Street,
Frenchville,
NORTH ROCKHAMPTON QLD 4701

Dear Sir,

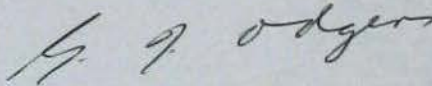
Your letter dated 6th April 1973, together with a photograph, has been forwarded to this Department for determination of the cause of the unusual object in the photograph.

At present we have insufficient information relating to the object, and we would ask you, therefore, to complete the enclosed form and return it to us. A complete narrative description of the circumstances relating to the sighting of the unusual object is also required.

In addition, would you please supply the negative of the photograph and details of the camera used.

All photographs and negatives supplied will be returned to you upon completion of our investigation.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

*4/5/73
7 May 73*

70812

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF CIVIL AVIATION

Telephone: 62 0131 (Area Code 03)

Telegraphic Address:

'AVIAT, MELBOURNE'

Postal Address:

BOX 1839 Q, G.P.O.,
MELBOURNE, 3001.

In Reply Quote: 21/1/387(3)

'AVIATION HOUSE'

188 QUEEN STREET,
MELBOURNE, 3001.

DAFI

8-3-73

26 APR 1973

580-1-1

J. J. 3/8
1 - A Sec A
2 - DAFI

Secretary,
Department of Air,
CANBERRA ACT 2600

UNIDENTIFIED FLYING OBJECTS

The attached correspondence is forwarded for such action as you consider to be necessary and for appropriate advice to the correspondent.

(D.S. Graham)

for Director-General of Civil Aviation.



ADG(AS)

DSG:HWD:ADG(AS)
24.4.73.

ENCL. 102

Mr. Tomkins,
2/408 Murphy Street,
Frenchville,
North Queensland,
Q. 4701.

21/1/387(3)

24 April, 1973.

Dear Mr. Tomkins,

Your letter of 6 April has been forwarded to the Department of Air, who have prime responsibility in this area of unidentified flying objects, and I would expect that they will be in communication with you in the near future.

Yours faithfully,

(D.S. Graham)

for Director-General of Civil Aviation.

Mr. Royce Tomkins,
2/408 Murphy Street,
Frenchville,
NORTH QUEENSLAND,
QUEENSLAND. 4701

ADG(AS)

ENG 101

REC 11 APR 1973

Royce Tomkins.
2/408 Murphy street,
Frenchville.
North Rockhampton.
Q. 4701.

21-1-387

6/4/73.

Director General
Department of Civil Aviation
Melbourne. Vic. 3801.

Sir .

The enclosed Photograph was taken by me late last year.
After making several inquiries in the Rockhampton area I have found noone
interested in the object in the left hand corner The object is not a
photographic fault and has not been added but was actually in the sky
when the photo was taken

I was wondering if anyone at D.C.A. would be able to identify the object
if not could you send this letter and photo on to someone who deals with this
type of U.F.O.

The photo was taken at about midday The object appears to be metallic in
nature and disappeared shortly after the photograph was taken
I hope to hear some explanation of what it may be.

Royce Tomkins
Royce Tomkins.

ADG(AO)

9 APR 73

SIGHTING # 5

FRANKFORD
TAS

E. ROSSITER

580/1/1 P222 (6B)

DEPAIR

10 MAY 75

4RSC

CINTEL O

4RSC 5/6/1 AIR (54)

dated 1 MAY 75.

UNUSUAL AERIAL SIGHTINGS

Enclosed for your records are copies of letters in reply to reports as referenced.



R. EGLE 58N008 WAFLO 2408



ROYAL AUSTRALIAN AIR FORCE



TELEPHONE: 69 0550

HEADQUARTERS SUPPORT COMMAND
RAAF
VICTORIA BARRACKS
MELBOURNE SC1 VIC 3004

TELEGRAPHIC ADDRESS:
"AIRCOMMAND, MELBOURNE"

IN REPLY QUOTE 5/6/1/Air(54)

- 1 MAY 1973

Department of Air (DAFI IR-2)

REPORTS OF UNUSUAL AERIAL SIGHTINGS

DAFI

1. Attached are reports from Messrs Anderson, Dennis, Harris, Reilly and Rossiter concerning aerial sightings on 9th April 1973.

2. Part 2 of these reports have not been individually completed because it is considered that all these sightings were possibly the decaying re-entry of:

- a. Cosmos-526 No 1972-84A (primary object) launched 25OCT72 on 91.7 minute period.
Apogee 457 km
Perigee 264 km
Angle of inclination 70.9° from equator.
Due to re-enter between 3-10APR73;
or
- b. Esro-4 No 1972-92B (launching rocket), launched 27NOV72.
Apogee 1160 km
Perigee 244 km
Angle of inclination 91.1°.



R.R. Roddy
(R.R. RODDY)
Sqn Ldr

For Air Officer Commanding

Enclosures: 5 reports

SECRET

CONFIDENTIAL - SECURITY INFORMATION

CONFIDENTIAL - SECURITY INFORMATION

...the ... of ...

...the ... of ...

...the ... of ...

...the ... of ...

...the ... of ...



3 MAY 1973

580/1/1 Pt22 (6a)

Mr F. Rossiter
FRANKFORD TAS 7251

Dear Sir,

With reference to your report of an unusual aerial sighting on 9th April 1973, it has been determined that the most probable cause was space debris re-entering the Earth's atmosphere.

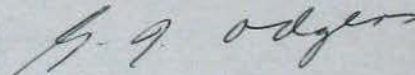
At present there are 2891 man made objects in space, and debris periodically burns up on re-entry and often breaks up into smaller components during this phase.

Predictions are made for known satellites to re-enter the Earth's atmosphere, however, irregular fluctuations in solar activity greatly affect upper-atmosphere density and accurate predictions are very difficult.

The date of your sighting corresponds with the predicted time frame for two satellites, Cosmos 526 No. 1972-84A, launched on 25th October 1972, and Esro 4 No. 1972-92B, launched on 27th November 1972, to re-enter the Earth's atmosphere, and it is thought that your sighting can be attributed to one of these satellites.

We trust that this determination satisfactorily explains the phenomenon that you saw, and we thank you for your interest.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

F
5/2/73
5x F1
7 May 73

RESTRICTED

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer..... E. Rossiter Age..... 32
2. Address of observer..... Frankford, Tas.
..... Phone 961104
3. Occupation of observer..... Life Assurance Rep. and Farmer
4. Date and time of start of observation..... 9th. April, 1973, 9.57 p.m.
How certain is the date?..... Certain
How accurate is the time of start?..... Almost certain
5. Duration of observation..... Approx. 4 minutes.
How accurate is your estimate?.....
6. Observer's location at time of sighting..... Frankford 1/4 mile from Post Office
.....
How familiar is observer with this locality?..... Lives there.
7. Weather conditions at time of observation..... Sky clear
.....
8. Describe any aids/equipment used in the observation..... Nil
.....
9. Where was object first observed? :
 - a. Relative to your surroundings..... Approx. N.W. or Frankford.
.....
 - b. angle of elevation..... Approx. 45 degrees.
 - c. compass angle bearing..... -
 - d. how accurate are these estimates?.....
10. What first attracted observer's attention?..... Appeared to be something
on fire
11. If there was more than one light/object :.....
 - a. how many were there?..... One (1) large and four or five smaller
 - b. in what formation were they?..... In line
12. What was the colour of the light or object?..... Orange/yellow

RESTRICTED

RESTRICTED

-2-

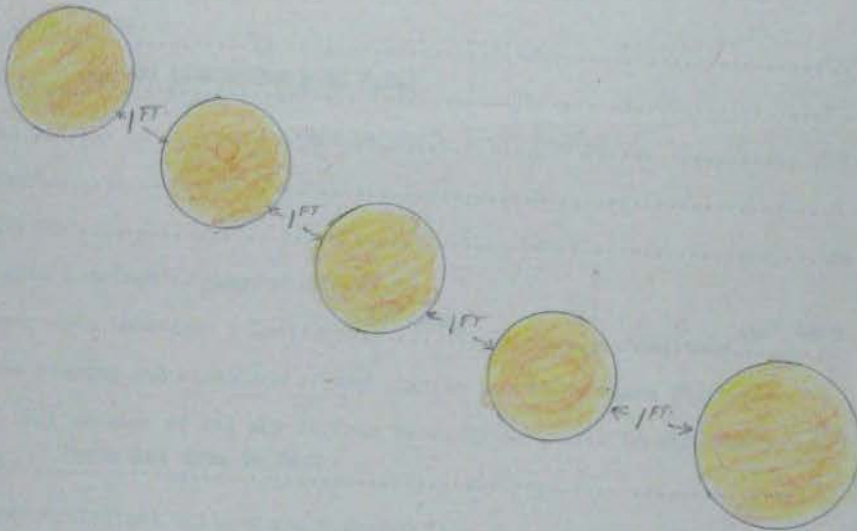
13. What was the brightness? (compare with full moon or common light source at a stated distance, e.g. ordinary street light at 100 yards)
Equivalent to Venus except orange colour.....
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon..... 2 to 3 times size of Venus
b. relative dimensions in inches at arm's length (about 20 inches from the eyes)... Appeared to be quite high.....
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....
16. Was any method of propulsion obvious?..... No
17. Describe any sound heard, including changes in pitch and intensity
No sound.....
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..... 45° to nil
19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances..... About speed of Electra Acft.
-
20. Give duration of any stationary phases..... Constant speed
21. Describe any deviations or manoeuvres..... Straight line
22. Describe any trail of exhaust, vapour or light seen..... Sparks trailing
23. Where was object last observed :
a. relative to your surroundings..... Due East.
b. angle of elevation.....
c. compass angle bearing.....
24. What was the manner of its disappearance?..... Disappeared behind hill
25. Do you know of any associated physical evidence (such as fragments, photographs, scorching ground indentations, residual magnetism or radioactivity etc)..... No
26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... Experienced observing Acft.
27. How many witness to the sighting?..... Only self

RESTRICTED.

RESTRICTED

-3-

28. Do you know of witnesses to similar sightings in the area?..... No
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....
30. What are your main reasons for excluding this explanation?.....
31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings.
- Use back of form, if needed.



Signature..... John. Dawson. Date..... 9/4/73......

Part 2 - Unit Evaluation

32. The following military aircraft were in the vicinity of the reported UFO position at the time:
- A/C type.....(1).....(2).....(3)
- Heading.....T.....T.....T
- Height.....,000 ft.....,000 ft.....,000 ft
- Speed.....K.....K.....K
- ATD/ATA*.....hrs.....hrs.....hrs
33. The following civil aircraft were in the vicinity of the reported UFO position at the time:
- A/C type ^{DC3}.....(1).....(2).....(3)
- Heading (LANDED LAUNCESTON 9.40 P.M.).....T.....T
- Height.....,000 ft.....,000 ft.....,000 ft
- Speed.....K.....K.....K
- ATD/ATA*.....hrs.....hrs.....hrs
- * Give location of nearest ATD or ATA
34. Observer's Location : Latitude ^{41° 20'S}.....Longitude ^{146° 45'E}.....
35. Give bearing and elevation of any planets and major stars that were in that portion of the sky at that time. By day, give location of Venus only.....
 Venus low down to West.....
36. A meteorological balloon was released from.....
 at.....Z Colour.....Weight.....gm
 Radio-sonde **/ radar ** : Candle **/ battery** (** delete as required)
 General wind profile.....
 Maximum height tracked.....,000 ft at.....Z
 Was it known to have burst?
37. The first significant temperature inversion was of.....1°.....°C at
 5000'.....ft, measured at.....1200/z.....Z hrs from.....
 Launceston.....station
38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc. relevant to the sighting.....
39. When an aircraft is a possible identification, include radar trace

28. Do you know of witnesses to similar sightings in the area?.....
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....
30. What are your main reasons for excluding this explanation?.....
.....
31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings.
Use back of form, if needed.

Signature.....

Date.....

RESTRICTED

-5-

if available, and ascertain which of the aircraft lights were
operating.....

40. The cause (or likely cause) of the sighting ~~xxx~~*/cannot* be determined.

41. The object reported probably was*/may have been* (delete as required)
.....

It has been reported that witnesses at Trevallyn (Launceston)
and Legana (West Tamar area) also sighted these objects at
approximately 1200/GMT. Further details available from
Launceston Police.

DCA. LAUNCESTON.....(Unit) JOHN T.W. DAWSON.....(Name)
9/4/73.....(Date) S.O.C.....(Rank)

RESTRICTED

9 APR 73

SIGHTING # 4

CLAYTON
VIC

MS E J REILLY

- 8 MAY 1973

580/1/1 Pt22 (5a)

Mr E.J. Reilly,
7/22 Wright Street,
CLAYTON VIC 3168

Dear Sir,

With reference to your report of an unusual aerial sighting on 9th April 1973, it has been determined that the most probable cause was space debris re-entering the Earth's atmosphere.

At present there are 2891 man made objects in space, and debris periodically burns up on re-entry and often breaks up into smaller components during this phase.

Predictions are made for known satellites to re-enter the Earth's atmosphere, however, irregular fluctuations in solar activity greatly affect upper-atmosphere density and accurate predictions are very difficult.

The date of your sighting corresponds with the predicted time frame for two satellites, Cosmos 526 No. 1972-84A, launched on 25th October 1972, and Esro 4 No. 1972-92B, launched on 27th November 1972, to re-enter the Earth's atmosphere, and it is thought that your sighting can be attributed to one of these satellites.

We trust that this determination satisfactorily explains the phenomenon that you saw, and we thank you for your interest.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

Handwritten notes:
E. J. Reilly
DAR
7 May 73

~~RESTRICTED~~

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

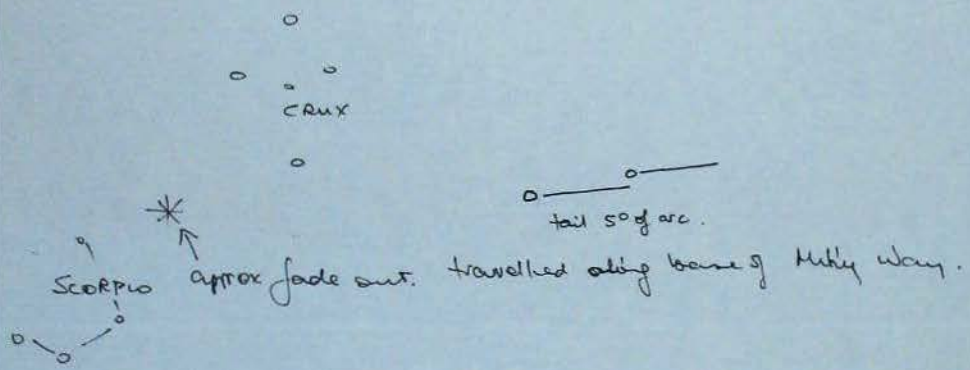


1. Name of observer MR E. J. Reilly Age 28
2. Address of observer 7/22 WRIGHT ST.
CLAYTON VIC Phone MONASH HIGH SCHOOL
5-60-79477
3. Occupation of observer High School Teacher (Science)
4. Date and time of start of observation Monday 9th April 1973.
How certain is the date? 100% - can be confirmed 10.0 pm.
How accurate is the time of start? to within 1 minute.
5. Duration of observation about 7 minutes.
How accurate is your estimate? (I do not possess wristwatch)
6. Observer's location at time of sighting Sidewalk off
Watsonia Rd., Watsonia.
How familiar is observer with this locality? Very familiar (home of friend)
7. Weather conditions at time of observation clear night
sky shielded from street lighting
8. Describe any aids/equipment used in the observation nil
9. Where was object first observed? :
a. Relative to your surroundings.....
b. angle of elevation about 50° to 55°
c. compass angle bearing in region of Procyon (Elev 33° Azim 300°)
d. how accurate are these estimates?.....
10. What first attracted observer's attention? S.S.F.
11. If there was more than one light/object : yes
a. how many were there? 2 objects seen
b. in what formation were they? 2nd object behind & slightly above
12. What was the colour of the light or object? orange

CINTELLO

- 13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards). *bright as the star Antares (in Scorp:0)*
- 14. What was the apparent size at nearest approach?:
 - a. relative to Venus or Moon... *point of light with tail*
 - b. relative dimensions in inches at arm's length (about 20 inches from the eyes). *tail had an arc of c. 5°*
- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed? *elevation c. 45° to 60°; base of bulky body*
- 16. Was any method of propulsion obvious? *NO*
- 17. Describe any sound heard, including changes in pitch and intensity *NIL*
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? *max angle ≈ 60° min angle ≈ 50°*
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances. *it covered half of the equatorial arc in less than 30 secs ie of the order 5×10^3 kph/hr*
- 20. Give duration of any stationary phases *NIL*
- 21. Describe any deviations or manoeuvres *NIL*
- 22. Describe any trail of exhaust, vapour or light seen. *orange, phosphorescent straight line ~ 5° of arc in length*
- 23. Where was object last observed :
 - a. relative to your surroundings. *above tail of Scorp:0. (see diag)*
 - b. angle of elevation... *c. 50° or less*
 - c. compass angle bearing... *ESE*
- 24. What was the manner of its disappearance? *fade out*
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc) *NIL*
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity... *High School! Leach's Science; I have a more than passing interest in Astronomy.*
- 27. How many witness to the sighting? *one other*

28. Do you know of witnesses to similar sightings in the area? *nil*.....
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? *either a meteor breakup or satellite breakup*.....
30. What are your main reasons for excluding this explanation? *the*.....
... objects moved a rate ^{much} greater than any satellite I've ever seen.
in addition they had a very flat path.
31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



Signature..... *J. Reilly*.....

Date..... *13/4/73*.....

9 APR 73

SIGHTING # 3

DINGLEBY
VIC

MBC E HARRIS

- 8 MAY 1973

MAY 1973

580/1/1 Pt22 (4a)

Mr G.E. Harris,
26 Pauling Avenue,
DINGLEY VIC 3172

Dear Sir,

With reference to your report of an unusual aerial sighting on 9th April 1973, it has been determined that the most probable cause was space debris re-entering the Earth's atmosphere.

At present there are 2891 man made objects in space, and debris periodically burns up on re-entry and often breaks up into smaller components during this phase.

Predictions are made for known satellites to re-enter the Earth's atmosphere, however, irregular fluctuations in solar activity greatly affect upper-atmosphere density and accurate predictions are very difficult.

The date of your sighting corresponds with the predicted time frame for two satellites, Cosmos 526 No. 1972-84A, launched on 25th October 1972, and Esro 4 No. 1972-92B, launched on 27th November 1972, to re-enter the Earth's atmosphere, and it is thought that your sighting can be attributed to one of these satellites.

We trust that this determination satisfactorily explains the phenomenon that you saw, and we thank you for your interest.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

*By
5/6/73
D.A.H.
7 May 73*

~~CONFIDENTIAL~~

REPORT ON UNUSUAL AERIAL SIGHTING

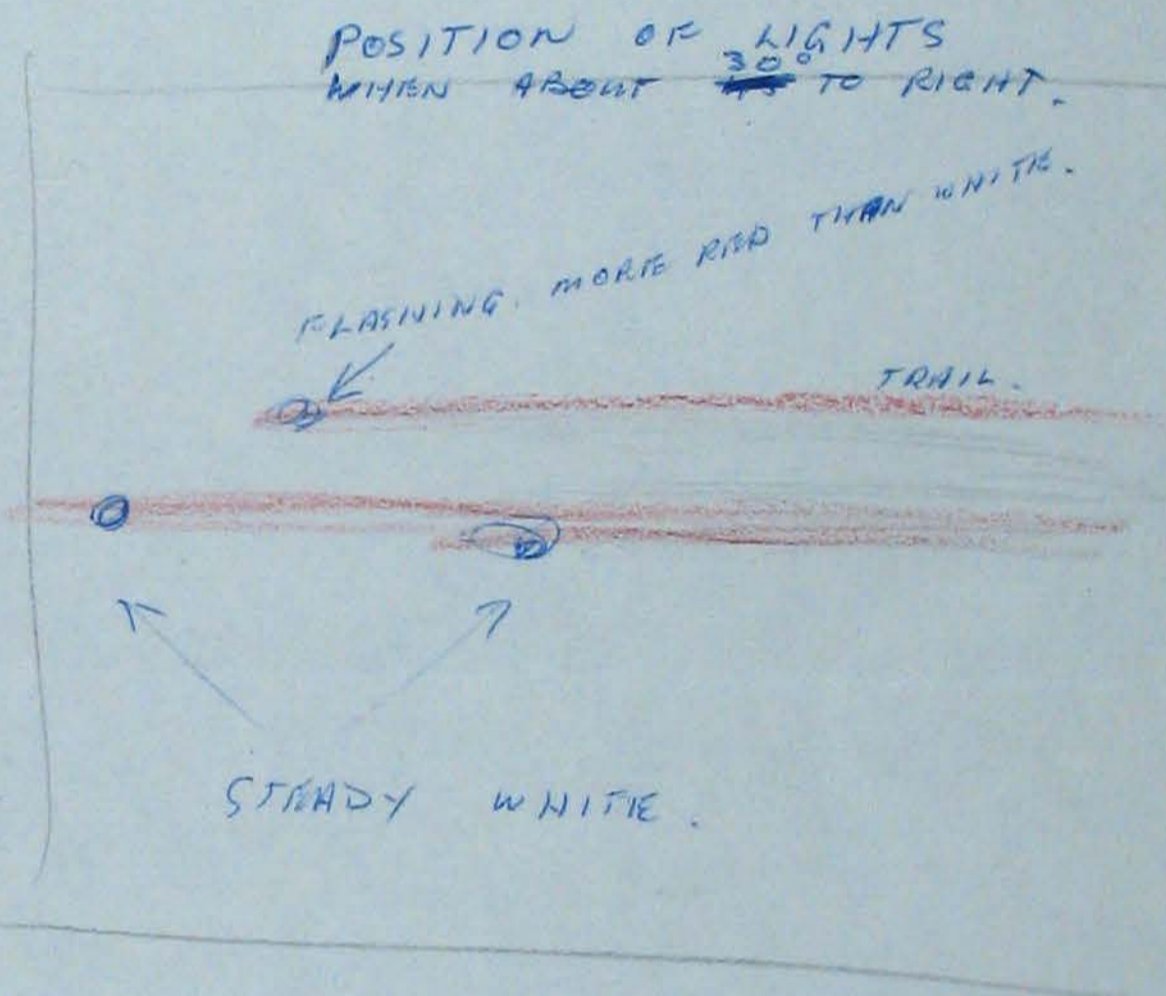
Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer ... GARTH FANEST HARRIS Age ... 36
2. Address of observer... 26 PAULINA AVE DUNDAS 7172
- Phone # 551-1813
3. Occupation of observer... CHIEF FLYING INSTRUCTOR PIPELINE FLYING SCHOOL
4. Date and time of start of observation MONDAY 9-14-73 9:58 PM EST.
- How certain is the date?... POSITIVE
- How accurate is the time of start?... ± ONE MINUTE
5. Duration of observation... APPROX ONE MINUTE
- How accurate is your estimate?... ± 15 SEC
6. Observer's location at time of sighting 5 NM SOUTH OF ROCHESTER
- IN CENTRAL VICTORIA ALTITUDE 6500 FT ON AREA QNH HDG 190 M.
- How familiar is observer with this locality?... VERY
7. Weather conditions at time of observation... CLEAR SKY
-
8. Describe any aids/equipment used in the observation.....
-
9. Where was object first observed? :
- a. Relative to your surroundings... 45° TO THE RIGHT
-
- b. angle of elevation... APPROX 30° UP.
- c. compass angle bearing... TRACK ACROSS IN FRONT OF OBJ ESTIMATED
- 110° M.
- d. how accurate are these estimates?... ± 10°
10. What first attracted observer's attention?... A COMET LIKE
- MOVING LIGHT
11. If there was more than one light/object :
- a. how many were there?... THREE
- b. in what formation were they?... GROUP → ° °
12. What was the colour of the light or object?... WHITE LIGHT BUT
- HIGHER WAS FLASHING AND WAS MORE RED, THAN WHITE.

- 13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)..... LIKE AIRCRAFT NAVIGATION LIGHTS AT 5-10 MINUTES.
- 14. What was the apparent size at nearest approach?:
 - a. relative to Venus or Moon..... ABOUT AS FOR VENUS
 - b. relative dimensions in inches at arm's length (about 20 inches from the eyes)..... 1 1/2" TO 2"
- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed?..... R.B. 000
- 16. Was any method of propulsion obvious?..... NO
- 17. Describe any sound heard, including changes in pitch and intensity..... N/A
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?..... 30° ABOVE HORIZON STRAIGHT & LEVEL
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances 90° ARC FROM RIGHT TO LEFT ABOUT MAC 3 10 NM.
- 20. Give duration of any stationary phases..... N/A
- 21. Describe any deviations or manoeuvres..... NIL
- 22. Describe any trail of exhaust, vapour or light seen..... LIKE JET VAPOR TRAIL PERSISTED FOR 5 MINUTES.
- 23. Where was object last observed :
 - a. relative to your surroundings..... 45° TO LEFT.
 - b. angle of elevation..... ABOUT 20°
 - c. compass angle bearing..... 110° M
- 24. What was the manner of its disappearance?..... NORMAL DISTANCE
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... NO
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... 15 YEARS FLYING EXPERIENCE 6500 HRS.
- 27. How many witness to the sighting?..... 2

- 28. Do you know of witnesses to similar sightings in the area?... NO...
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?... SATELLITE.....
- 30. What are your main reasons for excluding this explanation?... ELEVATION
TOO LOW SPEED ACROSS SKY MUCH TOO RAPID......
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



FLASHING.



WHITE

WHITE.

POSITION OF LIGHTS WHEN THEY HAD PASSED TO OUR RIGHT
BY ABOUT 30°

Signature..... Sam E. [unclear].....

Date..... 20-4-73.....

9 APR 73

SIGHTING # 2

BENICIO
VIC

MR D.R. DENNIS

580/1/1 Pt22 (3a)

- 3 MAY 1973

Mr D.R. Dennis,
64 Moran Street,
BENDIGO VIC 3550

Dear Sir,

With reference to your report of an unusual aerial sighting on 9th April 1973, it has been determined that the most probable cause was space debris re-entering the Earth's atmosphere.

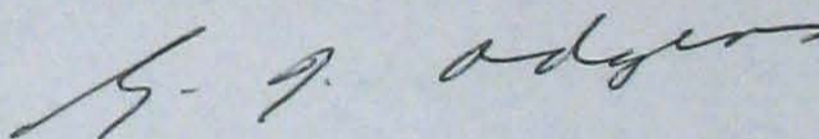
At present there are 2891 man made objects in space, and debris periodically burns up on re-entry and often breaks up into smaller components during this phase.

Predictions are made for known satellites to re-enter the Earth's atmosphere, however, irregular fluctuations in solar activity greatly affect upper-atmosphere density and accurate predictions are very difficult.

The date of your sighting corresponds with the predicted time frame for two satellites, Cosmos 526 No. 1972-84A, launched on 25th October 1972, and Esro 4 No. 1972-92B, launched on 27th November 1972, to re-enter the Earth's atmosphere, and it is thought that your sighting can be attributed to one of these satellites.

We trust that this determination satisfactorily explains the phenomenon that you saw, and we thank you for your interest.

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

*L
Splair
DAH
7 May 73*

REPORT ON UNUSUAL AERIAL SIGHTING

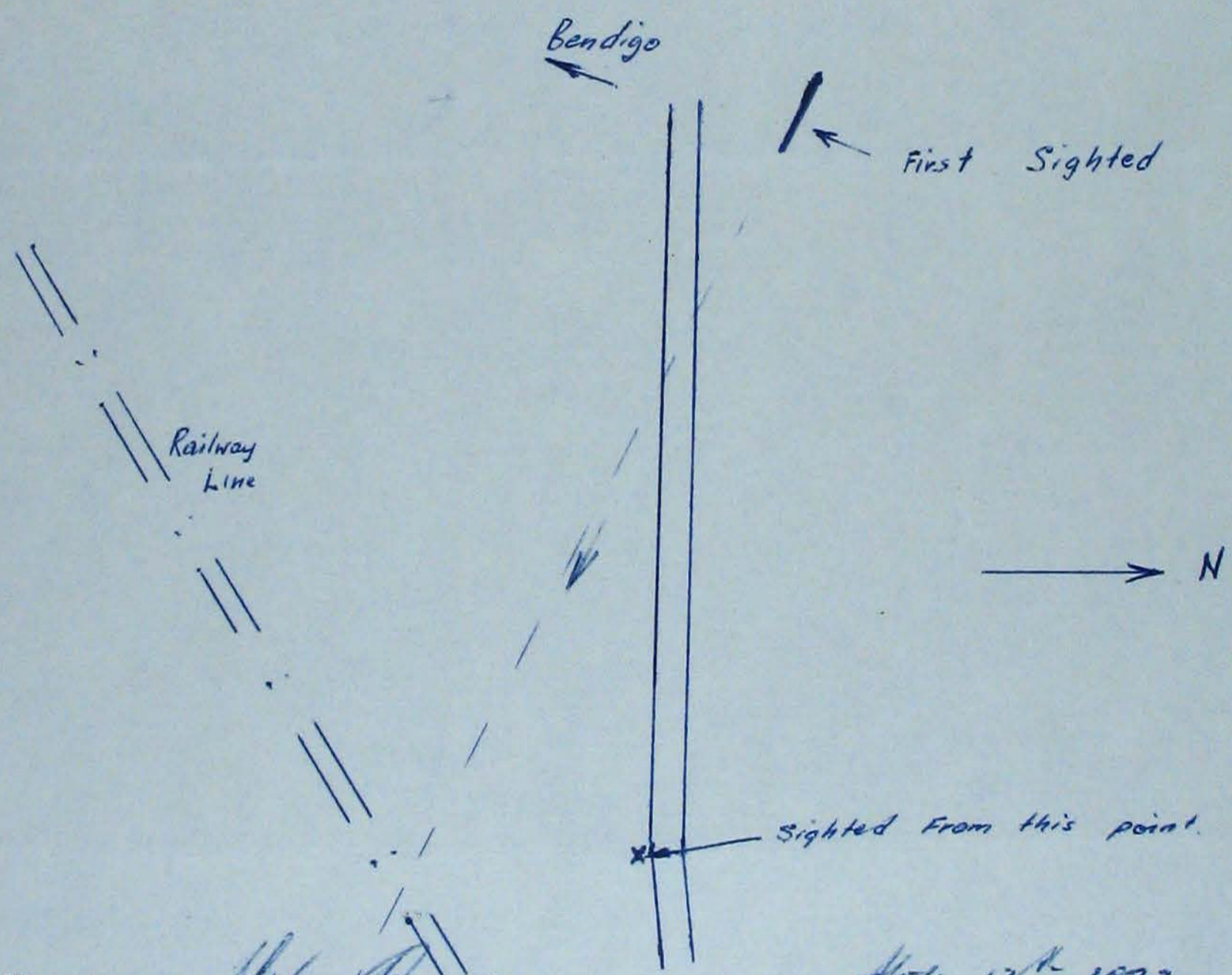
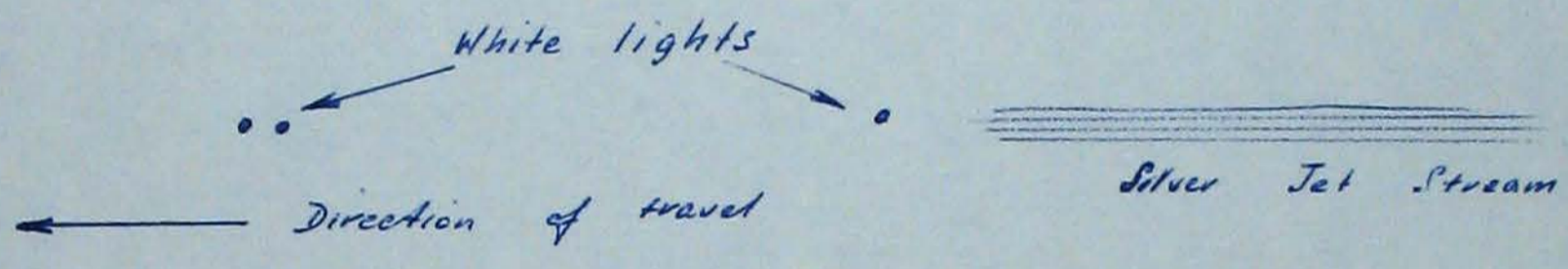
Part I - Report by Observer

(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer Donald Robert DENNIS.....Age 41.....
2. Address of observer 64 Moran Street, Bendigo, Vic. 3550.....
.....Phone 432176.....
3. Occupation of observer Victorian Young Farmer Advisory Officer
4. Date and time of start of observation 9/4/73.....9.55pm.....
How certain is the date? Positive.....
How accurate is the time of start? Watch set and checked A.E.S.T.
5. Duration of observation Three minutes.....
How accurate is your estimate? Positive.....
6. Observer's location at time of sighting 400 yards west of.....
Railway Crossing at Bagshot on Midland Highway.....
How familiar is observer with this locality? Very familiar.....
7. Weather conditions at time of observation Clear starlight night
very slight wind.....
8. Describe any aids/equipment used in the observation No aids
other than eyes and ears.....
9. Where was object first observed? : North west of my location.
a. Relative to your surroundings ↓.....
.....
b. angle of elevation 10 to 15 degrees.....
c. compass angle bearing No compass bearing.....
d. how accurate are these estimates? Reasonably accurate.....
10. What first attracted observer's attention? Bright lights travelling
very fast at low altitude.....
11. If there was more than one light/object :
a. how many were there? Appeared to be one object with two white
lights at front and one at rear.....
b. in what formation were they? All on one level as above.....
12. What was the colour of the light or object? Light as above.....

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards) Ordinary street light at 880 yds.
14. What was the apparent size at nearest approach?:
 - a. relative to Venus or Moon... Smaller than Venus
 - b. relative dimensions in inches at arm's length (about 20 inches from the eyes). About ten inches separated lights.
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?..... Estimated
16. Was any method of propulsion obvious?..... No method of propulsion obv.
17. Describe any sound heard, including changes in pitch and intensity No sound at all heard. Car was stopped. I listened from outside.
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? Maximum angle about 25 degrees.
19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances. Appeared to be about four times as fast as a Mirage at two miles.
20. Give duration of any stationary phases..... In continual motion
21. Describe any deviations or manoeuvres..... No deviations.
22. Describe any trail of exhaust, vapour or light seen... Silver grey jet stream
23. Where was object last observed : East-south-east of observation point as described.
 - a. relative to your surroundings. point as described.
 - b. angle of elevation... 10 degrees when lost behind trees.
 - c. compass angle bearing... No compass bearing
24. What was the manner of its disappearance?..... Out of sight behind trees
25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... No.
26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity. Studied geom. drawing etc.; map reading with scouts and Army.
27. How many witness to the sighting?..... Was alone.

- 28. Do you know of witnesses to similar sightings in the area?..Yes.....
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....Meteorite.....
- 30. What are your main reasons for excluding this explanation?..Angle... and direction of travel.....
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.



Signature..... *W. J. Collins*

Date..... *April 13th 1973*

9 APR 73

SIGHTING # 1

KYNERON
VIC

MR W P ANDERSON

580/1/1 Pt22 (2a)

- 8 MAY 1973

Mr W.P. Anderson,
P.O. Box 93,
KYNETON VIC 3444

Dear Sir,

With reference to your report of an unusual aerial sighting on 9th April 1973, it has been determined that the most probable cause was space debris re-entering the Earth's atmosphere.

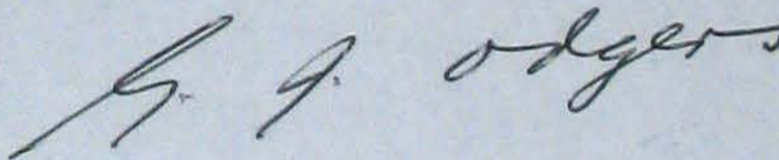
At present there are 2891 man made objects in space, and debris periodically burns up on re-entry and often breaks up into smaller components during this phase.

Predictions are made for known satellites to re-enter the Earth's atmosphere, however, irregular fluctuations in solar activity greatly affect upper-atmosphere density and accurate predictions are very difficult.

The date of your sighting corresponds with the predicted time frame for two satellites, Cosmos 526 No. 1972-84A, launched on 25th October 1972, and Esro 4 No. 1972-92B, launched on 27th November 1972, to re-enter the Earth's atmosphere, and it is thought that your sighting can be attributed to one of these satellites.

We trust that this determination satisfactorily explains the phenomenon that you saw, and we thank you for your interest.

Yours faithfully,



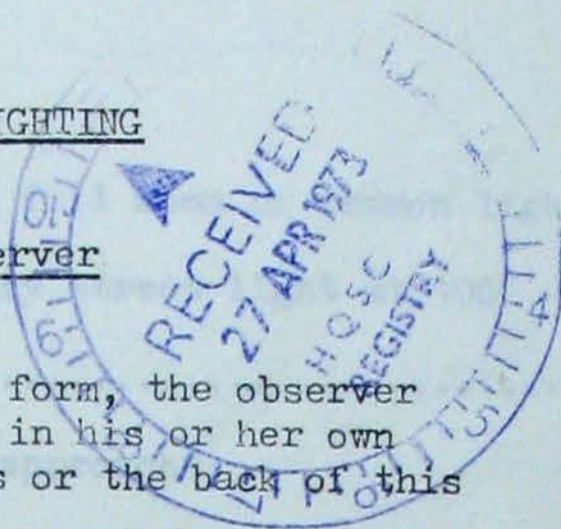
(G.J. ODGERS)
Director of Public Relations

By
G. J. Odgers
DAM
7 May 73

RESTRICTED

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer



(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

1. Name of observer WILLIAM P. ANDERSON Age 50
2. Address of observer P.O. Box 93, KYNETON, 3444
VICTORIA Phone KYNETON 221574
3. Occupation of observer AIRLINE PILOT
4. Date and time of start of observation 9-4-73 / 2145
How certain is the date? POSITIVE
How accurate is the time of start? POSITIVE
5. Duration of observation 5 SECONDS
How accurate is your estimate? REASONABLY ACCURATE
6. Observer's location at time of sighting APPROX 1 MILE
WEST KYNETON TOWNSHIP
How familiar is observer with this locality? COMPLETELY FAMILIAR
7. Weather conditions at time of observation NIL CLOUD
EXCELLENT VISIBILITY
8. Describe any aids/equipment used in the observation NIL
9. Where was object first observed? :
a. Relative to your surroundings SOUTH WEST OF
SIGHTING POINT
b. angle of elevation 40° ABOVE HORIZON
c. compass angle bearing 220°
d. how accurate are these estimates? EDUCATED GUESSES
10. What first attracted observer's attention? LIGHTS SIMILAR TO
AIRCRAFT NAV. LIGHTS - TRAILING WHITE GLOW -
EXCESSIVE SPEED
11. If there was more than one light/object :
a. how many were there? FOUR LIGHTS IN A ROW
b. in what formation were they? VERY CLOSE
12. What was the colour of the light or object? WHITE TO PALE ORANGE

→ SIMILAR TO RESTRICTED
TWO MILITARY AIRCRAFT
IN TIGHT FORMATION. (LINE ASTERN)

5/6/73
WILLIAM
ANDERSON

- 13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards). MODERATELY BRIGHT
- 14. What was the apparent size at nearest approach?:
 - a. relative to Venus or Moon.....
 - b. relative dimensions in inches at arm's length (about 20 inches from the eyes) LIGHTS AND AFTER GLOW WOULD SPAN APPROX 5 INCHES
- 15. What were the bearing and elevation angles at nearest approach and how were these values assessed? BEARING 220° - ELEV 40° - VISUAL GUESSES
- 16. Was any method of propulsion obvious? WHITE AFTER GLOW SUGGESTED SOME FORM OF PROPULSION.
- 17. Describe any sound heard, including changes in pitch and intensity
..... NO SOUND
- 18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? APPROX 40° FAIRLY CONSTANT
- 19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? If necessary, compare with the movement of familiar objects at stated distances FROM APPROX 290° TO 190° IN APPROX 5 SECONDS
- 20. Give duration of any stationary phases..... NIL
- 21. Describe any deviations or manoeuvres..... NIL
- 22. Describe any trail of exhaust, vapour or light seen. WHITE AFTER GLOW
- 23. Where was object last observed :
 - a. relative to your surroundings..... APPROX DUE SOUTH
 - b. angle of elevation..... APPROX 30°
 - c. compass angle bearing..... 190°
- 24. What was the manner of its disappearance? ATTENTION WAS DIVERTED FROM SIGHTING, BEFORE IT DISAPPEARED, AS IT WAS ASSUMED IT WAS MILITARY AIR CRAFT
- 25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity etc)..... NO
- 26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity..... AIR FORCE AND AIR LINE & ASSOCIATED NAVIGATIONAL STUDIES
- 27. How many witness to the sighting?..... TWO

- 28. Do you know of witnesses to similar sightings in the area?..... No.....
- 29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?..... NONE.....
- 30. What are your main reasons for excluding this explanation?.....
VERY GOOD VISIBILITY + NO CLOUD.....
- 31. Please sketch the light/object with all details. If appropriate, sketch position and/or movement of object in relation to your surroundings. Use back of form, if needed.

The sighting consisted of four, white to orange lights, in line and two white glowing areas ast.

The above "suggested" to the observer two very high speed military aircraft in tight formation, almost line astern on a very shallow descent, flying approx north to south.

The absence of noise, the excessive speed, and apparent use of a jet after burner on a shallow descent does not "fit" what the sighting suggested.

Signature W.P. Anderson

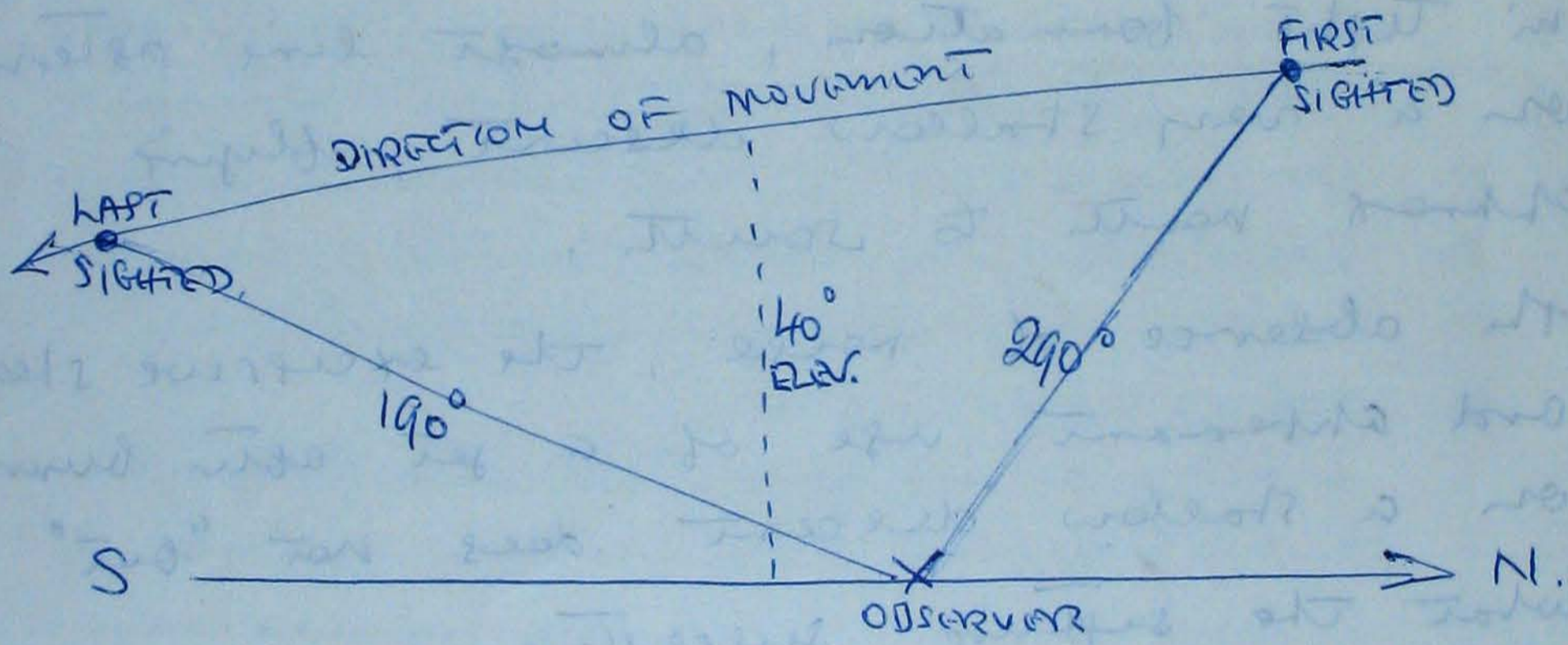
Date 20-4-73

SKETCH OF SIGHTING AS IT APPEARED.

4 NIGHTS
WHITE TO ORANGE

WHITE AFTER GLOW

2 SETS FAINTLY VISIBLE



Date: 30-11-52

6.

REGISTRY CLASSIFICATION PARTICULARS

CLASSIFIER

1	<input checked="" type="checkbox"/> Original/Copy
2	Duplicate Copy made
3	Date opened <u>3-5-73.</u>

REGISTRATION

CONFIDENTIAL

1	Security Classification
2	Title <u>Reports on Flying Saucers and other aerial Objects</u>
3	Registration Number <u>580-1-1- PE22 (New Part)</u>
4	Mark to <u>DAFI</u>
5	Cancel File No _____ vide this File and inform Movements Section of cancellation and new File No
6	Close File No _____
7	Cross Reference this File with File(s) <u>PE1-21</u>

SUBJECT INDEX

	Posting	Precis
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1	Heading	Precis
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2	Alter File No on Logging Card for _____	
	Letter dated _____	Reference No _____

OTHER FILES BEARING ON THIS SUBJECT

FILE No	TITLE
XRPTs 1-21	

