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DEPARTMENT OF DEFENCE

OLD AIR	580	1	1
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25

NOTE: This cover is to be used only for official file series recorded with Australian Archives.
Form Number AR 111 is to be used for working papers.

SUBJECT:

FILE NUMBER OLD AIR 580/1/1 pt. 25.

REPORTS ON FLYING SAUCERS AND OTHER AERIAL OBJECTS.

[illegible][illegible]

ARCHIVAL ACTION

FILE NO.

OLD
AIR

580

1

1

Part IV

25

SUMMARY OF SIGHTINGS

NO	PLACE DATE	PERSON	REPORT	REPLY	REMARKS
1	SASSARAS VIC 19 MAY	MRS D.M. COOPER	27 JUN	NK	NO REPLY. HOSE INFORMED MRS COOPER THAT OBJECT WAS VICTORIA POLICE CAR
2	PORT MCDONALD MAY 73	B. AHERN	26 JUN 73	NK	NO REPLY. REPORT SENT FOR INFO ONLY
3	MELBOURNE 20 JUN	R. C. CANE	5 JUL	13 JUL	LIGHT AIRCRAFT
4	KILLARNEY VANE NSW 16 MAY	MRS A. J. REYNOLDS	5 JUL	13 JUL	QF 764 AIRCRAFT BAN-5Y
	ELTAM VIC 22 JUN	D. V. THOMPSON	5 JUL	13 JUL	AIRCRAFT APPROACHING Tullamarine
5a	GATESHEAD WEST NSW 12 MAY	R. M. JESSOP	5 JUL	13 JUL	CESSNA 402 (STROBE LIGHT)
6b	BELMONT NSW 12 MAY	W. A. SLEDGE			
6c	BEAUMONT NSW 12 MAY	C. PERRIN			
6d	KOOKEWONG NSW 12 MAY	MRS C. J. NAWIN			
7a	KENWICK WA MIDNIGHT 28 APR	J. CUNDLINGHAM	6 JUL	13 JUL	SPACE DEBRIS . 1973-024B BOOSTER ROCKET FOR COSMOS - 555 (1973-024A)
7b	PORT HEIDLAND WA 29 APR	E. G. CALLEJA			
7c	BELKA WA 29 APR	P. DOLTON			
7d	KESMURDIE WA 29 APR	L. E. KAWNILL			
7e	DERBY WA 29 APR	MARGARET LEDGER			
7f	KAKOORIE WA 29 APR	R. S. WARREN			
7g	TOM PRICE WA 28 APR	R. SKIDMORE			
7h	DAMPER WA 29 APR	J. D. HOLDEN			
7i	YALGOO WA 29 APR	A. D. CHISHOLM			
7j	KAMBARRA WEST WA 29 APR	E. D. WROTH			
7k	DOWERIN WA 29 APR	E. W. GUNNOTH			
7l	NEWMAN WA MIDNIGHT 28/29 APR	P. A. GRANT			

(AIR FORCE OFFICE)
MINUTE PAPER

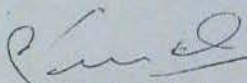
DEFAIR 580/1/1
Reference AF554/1/30 (34)

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. PERSKE)
G/CAPT
DAFIS

29 APR 73

EX 21311

SIGHTING # 7a - 7L

KENDALICK	J. CUNNINGHAM
PT HEOLAND	E. G. CARLEJA
BELKA	P. DOLTON
LESAMURDIE	L. E. HAWNILL
DERBY	MARGARET HEDGER
KANGOOOLIE	R. S. WARREN
TOM PRICE	R. SKIDMORE
DAMPHER	J. D. HOLDEN
YALGOO	A. D. CHISHOLM
KAMBALDA WEST	E. D. WROTH
DOWERIN	E. W. GUNNOTH
NEWMAN	P. A. GRANT

WA

FROM DEPAR	FILE 580/11.P.25(7m)	DATE 16 Jun 73	REFERENCES
TO HQPEA		ATTENTION FLC OFF R.R.J. PERS	
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

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

2. Replies to the other eleven reports of this sighting were identical and copies are not, therefore, enclosed

Enclosure: Copy of letter to Mr. J. Cunningham

SIGNATURE M. GRETTON	NAME M. GRETTON	RANK FLC OFF	APPOINTMENT IR.2	PHONE NO. 2408
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13 JUL 1973

580/1/1 Pt25 (7a)

Mr J. Cunningham,
15 Dudley Road,
KENWICK WA 6107

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.5° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,


(G.J. ODGERS)
Director of Public Relations

NoA
2-8-73
13-73
to


J. L. L.
2-8-73
13-73

580/1/1 Pt25 (7b)

13 JUL 1973

Mr E.C. Calleja,
30 Gratwick Street,
PORT HEDLAND WA 6721

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

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

*Noted
Jup 13/7/73
m*

*845 Ldr
D&F/10
12 Jul 73*

580/1/1 Pt25 (7c)

13 JUL 1973

Mr P. Dolton,
BELKA WA 6417

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

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

*Noted
D. J. D.
13/7/73*

*BB
R. L. L.
845/110
12/7/73*

13 JUL 1973

580/1/1 Pt25 (7d)

Mr LE. Lawwill,
21 Vernalen Way,
LESMURDIE WA 6076

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

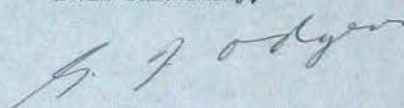
Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

Handwritten:
5/8/73
DASH
12 Jul 73

Handwritten:
Not
Sup by DASH
13/7/73
to

580/1/1 Pt25 (7e)

13 JUL 1973

Mrs M. Ledger,
Meda Station,
DERBY WA 6728

Dear Mrs Ledger,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

Noted
13/7/73
JH

28
Sgt. Loh
Darius
12/7/73

13 JUL 1973

580/1/1 Pt25 (7f)

Mr R.S. Warren,
Mount Monger Station
KALGOORLIE WA 6430

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

C. J. Odgers

(C.J. ODGERS)
Director of Public Relations

*Noted
Dep. 6/12/73*

*For info
KALGOORLIE
12 Jul 73*

13 JUL 1973

580/1/1 Pt25 (7E)

Mr R. Skidmore,
126 Cedar Crescent,
TOM PRICE WA 6751

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

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

*Noted by Mr
J.P. 12/7/73*

*Sp. Ldr
done
12/7/73*

13 JUL 1973

580/1/1 Pt25 (7h)

Mr J.D. Holden,
49 Yannerie Crescent,
DAMPIER WA 6713

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.5° to the equator, placing it on a heading of 171.3° which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

*No 8
Dep 4/10
13/7/73
D*

*20
Spw Loh
DWP/10
13 Jul 73*

580/1/1 Pt25 (71)

13 JUL 1973

Mr A.D. Chisholm,
Boolarady Station,
via YALGOO WA 6635

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55pm and 12.10am, Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

*28
See Loh
8096
13 Jul 73*

*100
Aug 4 1973
8*

13 JUL 1973

580/1/1 Pt25 (73)

Mr E.D. Wroth,
47 Pittosporum Street,
KAMBALDA WEST WA 6444

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55 pm and 12.10 am Western Australian time, on the night of the sighting.

From your description of the sightings, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

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

*not
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Ch*

*ED
8/2/73
6444/10
13/7/73*

580/1/1 Pt25 (7k)

13 JUL 1973

Mr E.W. Gunnorth,
Moonijin,
via DOWERIN, WA 6461

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

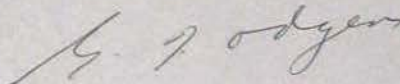
Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55 pm and 12.10 am Western Australian time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause, as an object of this size would generate tremendous heat and tend to disintegrate into small pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

No A
Dep 4
11.7.73
A

AB
Sent to
DPRNO
12 July 73

580/1/1 Pt25 (71)

13 JUL 1973

Mr P.A. Grant,
20 Mindarra Drive,
NEWMAN, WA 6753

Dear Sir,

With reference to your report of an unusual aerial sighting at about midnight on 28th/29th April 1973, it has been determined that the most probable cause was the re-entry into Earth's atmosphere of the space vehicle 1973-024B.

Information received from the Goddard Space Flight Centre in Maryland, USA, shows that the space vehicle 1973-024B was the booster rocket associated with the launching of COSMOS 555 (1973-024A), and measured approximately 40 metres in length. COSMOS 555, a Russian satellite launched on 25th April, was placed into low orbit around the Earth at an inclination of 81.3° to the equator, placing it on a heading of 171.3° , which corresponds to the path of the object sighted. The booster rocket is known to have re-entered the Earth's atmosphere and decayed at some time during the period 11.55 pm and 12.10 am Western Australia time, on the night of the sighting.

From your description of the sighting, and others received from throughout Western Australia, the path of the object was approximately on a line from Port Hedland to Kalgoorlie and final disintegration would have occurred in the vicinity of the Great Australian Bight.

The vividness of the sighting gives credence to 1973-024B being the cause as an object of this size would generate tremendous heat and tend to disintegrate into smaller pieces during the re-entry process before ultimately burning out or impacting.

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

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

*Dep't. 11
13 JUL 73
aw*

*28
P.A. Grant
805120
12 July 73*

1973-024B associated launch equipment for
-024A (Cosmos 555) launched 25th April 1973
decayed 16.372 ± 36 minutes.

+024B. 88.9 mins.
inclination 81.3° hdy 171.3
apogee 231 km
perigee 209 km

40-50 metres in length

83

87.10

89.01

73 JUL -6 4 20

NNNNVV LRA186 UU

RR RAYWPP

IE RAYXWT 003 1870232

ZNR UUUUU

R 060150Z JUL 73

FM LABSWRE SALISBURY

TO RAYXDC/GSFC/MISSION OPERATIONS DIRECTOR GREENBELT MARYLAND

INFO RAYXDC/GSTS/B H MCKEEHAN CODE 802

RAYWPP/DEPAIR

BT

UNCLAS

TI 000

FROM HARKIN SATGEN INFO DIRECTOR AIR FORCE INTELLIGENCE
M5803/1/3. ON BEHALF AUSTRALIAN DEPT. OF AIR, CAN YOU IDENTIFY AN
APPARENTLY DECAYING OBJECT SEEN HEADING SOUTH ACROSS WESTERN
AUSTRALIA, JUST AFTER 0400Z ON 28TH APRIL, AT LOCATIONS RANGING
FROM LATITUDE 20.5 DEGS, LONGITUDE 118.5 DEGS TO ABOUT LATITUDE
2 DEGS, LONGITUDE 122 DEGS

BT

Rec 06 Jul 73

1640

X

13°

Should be 271600Z

281600Z

JOINT COMCEN
CAMPBERRA
JUL 6 04 05:73

pat

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE

5/6/1/Air (18)

FROM

HQSC

DATE

29 JUN 73

TO

DAFI

~~DEPAIR~~

ATTENTION

DAFI 1R2

REFERENCES

SUBJECT

UNUSUAL AERIAL SIGHTING REPORTS

580-1-1

DAFI

2-7-73

1. Attached are reports on an unusual aerial phenomena seen in Western Australia on 29 APR 73.

2. HQPEA has been instructed to forward future reports directly to DEPAIR

3. Page 29, The Bulletin 12 MAY 73 contained an unusual UFO story that may be of interest.



SIGNATURE

R.O. Gibbs

PRINTED NAME

R.O. GIBBS

RANK AND APPOINTMENT

Flg Off INT1 7410

PHONE EXTN

C.D.O. 9777

INVESTIGATING OFFICER'S REPORT

1. From the observer reports it seems as though the same object was sighted at approximately the same time over an area from Derby to Kalgoorlie.
2. Because of this the object must have been higher than aircraft traffic ruling out this possibility.
3. There were no predicted satellite passes within one and a half hours prior to, and three hours after the sighting.
4. Taking into account the description of the object and the above information the phenomenon could have been an object natural or man-made, burning up in the upper layers of the earth's atmosphere.

22 Jun 73


(A.R.J. PIERS)
Flying Officer
UPO Officer

REPORTED SIGHTING OF MYSTERIOUS OBJECT IN SKY TO BE INVESTIGATED

Perth, April 29. — Widespread reports of a mysterious object sighted in the sky early this morning will be investigated by Government departments and the R.A.A.F.

So far there has been no explanation.

The object has been variously described as a fiery, glowing ball like a boat on the river with reflecting lights and a train with growing and receding lights.

Reports came from D.C.A. officials in Port Hedland, Karratha and Roebourne, a farmer near Goomalling and a family from Konnongorring.

Another report was received from the captain of a M.M.A. aircraft on a flight in the North West.

All sightings were made within a few minutes of each other.

Mr. K. White, a farmer eight miles north-east of Goomalling, saw the object at 12.06 a.m. when he went to lock his poultry up.

"I first saw what looked like a grass fire on the north-east horizon about five degrees above the horizon," he said.

"It was moving away at about the speed of a light aircraft with lights that kept flaring and receding.

"The object disappeared after about 10 minutes."

A family who had returned from a nearby drive-in theatre also saw an object at 12.06 a.m.

Mrs. M. Clitty, of Konnongorring, 16 miles north of Goomalling and about 12 miles away from Mr. White, saw the object to the north-east.

"It appeared to contain about two or three main lights and travelled as fast as a small aircraft, but not as fast as a jet," she said.

"The object travelled along the horizon till it was obscured by a hill.

"The children had earlier seen lights in the west while we were at the drive-in.

"They later drew pictures of the second sighting but showed more lights than I had picked up."

In both cases, major roads and the railway line were behind the witnesses. There were no towns or farmhouses in the area that could have led to confused sightings.

Orange, Fiery Glow

A D.C.A. flight officer at Port Hedland who saw the object, stopped on a road with another motorist at 12.02 to watch the object.

He saw an orange, fiery glow about four feet in diameter with a smoke trail that moved from north to south at the estimated speed of a twin-engine aircraft.

"The object looked like burning metal that was slowly disintegrating, but it did not look like the usual satellite re-entering the atmosphere," he said.

"It was moving too slowly and at a different angle."

Other reports were made by D.C.A. officials at Karratha and Roebourne.

The M.M.A. captain could not be contacted to-day to give a report.

The Government astronomer, Mr. B. J. Harris, was unaware of any astral activity that could explain the sightings.

"Had the patchy cloud over Perth at the time continued to these areas it could have broken the moon up to appear like a flaring and receding light," he said.

Meteorological reports indicate little cloud in the sighting area. Moonrise to-day was at 2.39 a.m.

Neither D.C.A. nor the R.A.A.F. base at Pearce had reports of air activity in the area.

A spokesman at Pearce said that only one report had been received.

It would be the matter of a routine inquiry by a R.A.A.F. officer who investigated all U.F.O. reports.

A D.C.A. official said that the object may have been the re-entry of an artificial satellite or the likely entry of a satellite.

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 Peter Adrian GRANT Age 24
2. Address of Observer 20 Mindarra Drive
Newman Phone Number 4054
3. Occupation of Observer Police Constable
4. Dat & Time of Start of Observation 28th April, 1973. 29th April, 1973
Exact time unknown (watch broken)
How certain is the date? Positive
How accurate is the time of start? Unknown
5. Duration of Observation Estimated 5 to 6 minutes
How accurate is your estimate? ESTIMATED
6. Observer's location at time of sighting Western side of Pond street
Newman
- How familiar is observer with this locality? Quite familiar
7. Weather conditions at time of observation cold and clear
8. Describe any aids/equipment used in the observation
No aids or equipment
9. Where was object first observed?: Approximately 5 miles directly North.
a. Relative to your surroundings of where we were standing
b. Angle of elevation parallel
c. Compass angle bearing North to South East
d. How accurate are these estimates? Positive
10. What first attracted observer's attention? Bright light
11. If there was more than one light/object There was one bright light near
or at the front and trailing behind were an untold number. Like
a. How many were there? a sky rocket as it is taking off
b. in what formation were they? No formation

- The light at the front was a white yellow colour, and the lights trailing were bright white and green.
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)
The light was ~~not~~ as bright as the moon, (The moon appears to be a flat dull light). This object or light appeared to be sharp and piercing light.
14. What was the apparent size at nearest approach? Similar size to a Morris
a. relative to Venus or Moon... ~~OK~~ Mini Minor
b. relative dimensions in inches at (farm's length) About 20 inches from eyes)
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
The light object moved parallel to the ground. - SOUTH EAST DIRECTION
16. Was any method of propulsion obvious? No.
17. Describe any sound heard, including changes in pitch and intensity
What sounded like a small explosion.
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
Approximately three hundred yards away and about two hundred feet up
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. A race car on the opposite side of the track at Claremont, speedway.
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. After I heard the explosion there were three distinct clouds of smoke. These were 11 a light green vapour.
23. Where was object last observed? :
a. relative to your surroundings Disappeared near the airport.
b. angle of elevation Still appeared parallel to the ground.
c. compass angle bearing.... South East.
24. What was the manner of its disappearance?.....
Similar to a plane going over the horizon out to sea....
25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)
I know of no physical evidence. As soon as it disappeared I was on duty. I climbed into the Police Van and drove the seven miles to the airport. I saw nothing. I went back to the same place again the next day. I again saw nothing.

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.
... I have had no specific training but I am quite sure of what I saw and the estimated angles and angular velocity.
27. How many witnesses to the sighting? Three (3).....
28. Do you know of witnesses to similar sightings in the area?
Yes Approximately another four.....
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?
Similar to a sky rocket. (fire cracker type.).....
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.

I am unable to sketch what I observed.

The lights I did see resemble a "fire cracker" sky rocket to a "T" with the exception of the large white-yellow light at the front. Sorry for the delay, but I wanted to have time to think about it.

Signature.....

[Handwritten Signature]

TC 4128

Date.....

12th June 1973

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 *Eric William Gurnett 34*
2. Address of Observer *Messin Via Domini*
6461 Phone Number *517*
3. Occupation of Observer *Garment*
4. Date & Time of Start of Observation *morning 29-April 73 12-03 AM*
How certain is the date? *correct*
How accurate is the time of start? *correct*
5. Duration of Observation *4 mins*
How accurate is your estimate? *correct*
6. Observer's location at time of sighting *7 miles*
East of Wangan Falls
How familiar is observer with this locality? *live in area*
7. Weather conditions at time of observation *no cloud Moon*
in sky. calm cold night
8. Describe any aids/equipment used in the observation
moving car
9. Where was object first observed?:
a. Relative to your surroundings *coming from*
North west
b. Angle of elevation *30°*
c. Compass angle bearing *North to east*
d. How accurate are these estimates? *correct*
10. What first attracted observer's attention? *Bright moon shaped*
in cloud formation (it was a cloudless night)
11. If there was more than one light/object:
a. How many were there? *one at first then two appeared*
b. in what formation were they? *following approx 20 miles*
apart

12. What was the colour of the light or object? *Reddish orange*
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)
..... *full moon*
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon... *3/4 ... bigger ... full moon*
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?
Using 9.00pm as Horizon and 10.00pm as angle of object.
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)?
..... *Same 30° above horizon*
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. *Within the period of observation 4 min it was out of sight*
20. Give duration of any stationary phases..... *None*
21. Describe any deviations or manoeuvres *Deerped. Built fast.*
22. Describe any trail of exhaust, vapour or light seen.....
..... *Orange red trail*
23. Where was object last observed? :
a. relative to your surroundings *90°*
b. angle of elevation *30° East*
c. compass angle bearing.....
24. What was the manner of its disappearance?..... *3. Definite real objects approx: 20 miles apart*
25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)
..... *None*

State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.

..... *Knowledge of Area*

27. How many witnesses to the sighting?

28. Do you know of witnesses to similar sightings in the area?

..... *3 people in front car approx 10 miles farther ahead.*

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

..... *moon coming through clouds*

30. What are your main reasons for excluding this explanation?

..... *Question 29 answered in Question 10.*

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.

NORTH ↑

Signature *Jim H. Immature*

Date *2-6-73*

Note

By the time I had worked out what
it was and stopped the car to
hear if object was making noise
object has disappeared leaving
2 red objects no trail.

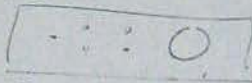
All this observation took place
in approx 3 miles travelling at
80 m. P. H. plus stopping of car.

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 ERIC DESMOND WROTH Age 23
2. Address of Observer 17 POTOSFORIN ST
KAMARADA, WEST GUYANA Phone Number
3. Occupation of Observer DIAMOND DRILLER
4. Dat & Time of Start of Observation 12:08 29/11/73
How certain is the date? POSITIVE
How accurate is the time of start? ± 90 SEC
5. Duration of Observation 15 to 50 SEC
How accurate is your estimate? 80%
6. Observer's location at time of sighting 1 MILE NW of Kamarada
ON KAMARADA/MAUDER RD - LEVEL WITH ABANDONED HOPE
NINE
How familiar is observer with this locality? VERY
7. Weather conditions at time of observation VERY LIGHT CLOUD
TO N.W. OF SALT AT TIME OF SIGHTING
STARS VISIBLE BEHIND OBJECT
8. Describe any aids/equipment used in the observation NONE
9. Where was object first observed?:
a. Relative to your surroundings 5-7° E - 1 MILE
A LITTLE TO RIGHT AS ROUNDING LEADING CLIFF
b. Angle of elevation GROUND LEVEL AT FIRST RISING TO 45°
c. Compass angle bearing 5° - 7°
d. How accurate are these estimates? OWN ESTIMATES
10. What first attracted observer's attention? WIFE POINTED
OUT WHAT SHE THOUGHT WAS A FALLING STAR
11. If there was more than one light/object:
a. How many were there? 1 LARGE 7 SMALL - WATER ONLY 5 SMALL
b. in what formation were they? LARGE ONE LEADING
OTHERS IN HAPHAZARD FORMATION WHEN
ONLY 5 SMALL OBJECTS / 12. What was
APPEARED AS SO.



12. What was the colour of the light or object? *RED & YELLOW FLAME*
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yds.)
KEROSENE LAMPED... SHIRT... BURNING AT 10'
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon *LARGER THAN FULL MOON*
b. relative dimensions in inches at arm's length (About 20 inches from eyes) *4 FINGERS (3") JUST COVERED LARGEST OBJECT AT ARM'S LENGTH*
15. What were the bearing and elevation angles at nearest approach and how were these values assessed? *PARALLEL TO SELF
APPEARED TO MOVE AT RIGHT ANGLES TO SELF*
16. Was any method of propulsion obvious? *NO*
17. Describe any sound heard, including changes in pitch and intensity
SILENT
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
15' MAX FROM GROUND 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. *WAS REMAINED
PLANE TAKING OFF WHEN VIEWED FROM
THE SIDE*
20. Give duration of any stationary phases. *NONE*
21. Describe any deviations or manoeuvres *APPEARED TO MOVE FROM SITE
AT RIGHT ANGLES TO SELF*
22. Describe any trail of exhaust, vapour or light seen.
*WINKLE OBJECT. SIMILAR TO FILMS SEEN AT SCHOOL OF HAWKEYS
COMET.*
23. Where was object last observed? :
a. relative to your surroundings
b. angle of elevation *15°*
c. compass angle bearing *15° - 30° EAST / NORTH*
24. What was the manner of its disappearance? *FLAME FIRED OUT
TO A LARGE WHITE HURD AND 5 WHITE SPOTS*
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.

WORKED AS CARTOGRAPHER FOR SURVEY TEAM
AND REQUIRED TO MAKE MAPS FROM OWN FIELD NOTE
+ BEARINGS.

27. How many witnesses 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?

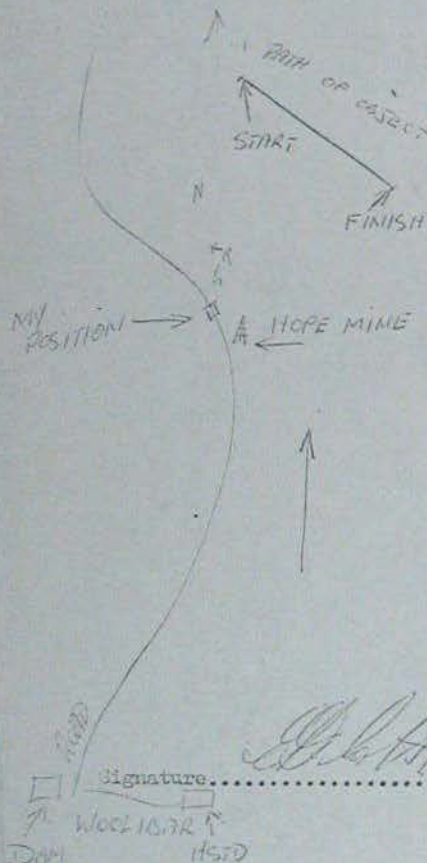
HAYLEY'S COMET WITH FRAGMENTS
FALLING OFF AND BURNING OUT.

30. What are your main reasons for excluding this explanation?

ABOVE IS NOT DUE FOR SIGHTING
AND MANNER IN WHICH OBJECT VANISHED.

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.

SKETCHES WITH ORIGINAL
LETTER. HOWEVER WHITE
HOOP AND DOTS WERE ABOUT
AS BRIGHT AS THE TAN LINE
WHICH CAN BE SEEN OCCASIONALLY
OUTLINING THE MOUNT IN ITS
QUARTER PHASES



Date 20 5 73

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 A. D. Chisholm Age 32
2. Address of Observer Bee Landy STATION
VIA VALERO WAY Phone Number 412-900-3
3. Occupation of Observer KANGAROO SHOOTER
4. Date & Time of Start of Observation 1203 AM 29-4-1973
How certain is the date?
How accurate is the time of start?
5. Duration of Observation 1/2 to 2 minutes
How accurate is your estimate?
6. Observer's location at time of sighting 1 mile south west
of Coconino Hall on Boundary Rd
How familiar is observer with this locality? very familiar
7. Weather conditions at time of observation No wind No clouds
8. Describe any aids/equipment used in the observation
TELESCOPE SIGHTS ON RIFLE
9. Where was object first observed?:
a. Relative to your surroundings Just above some
scrub
b. Angle of elevation 20 degrees
c. Compass angle bearing 20 degrees from horizon
d. How accurate are these estimates? fairly accurate
10. What first attracted observer's attention? Bright light
moving
11. If there was more than one light/object:
a. How many were there? ONE main object with 4 or 5 small
b. in what formation were they? in following

12. What was the colour of the light or object?... *Bright Reddish Yellow*
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 AS BRIGHT AS A STREET LIGHT AT 100 YDS.*
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon... *W. of V. of the moon.*
b. relative dimensions in inches at arm's length (About 20 inches from eyes)... *12 or 13 in.*
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
... *WAS TRAVELLING FROM NORTH to South-EAST.*
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)?
... *WAS 20 to 30 degrees from horizon at all times*
19. What was the maximum and minimum angular velocity (or speed, if an estimate can be justified)? In necessary, compare with the movement of familiar objects at stated distances.
.....
20. Give duration of any stationary phases.....
21. Describe any deviations or manoeuvres
22. Describe any trail of exhaust, vapour or light seen... *WAS WHITE ALONG TRAIL & LOOKED LIKE SMALLER PARTS HAD BROKEN OFF AND WERE TRAVELLING AT THE SAME SPEED.*
23. Where was object last observed? :
a. relative to your surroundings... *WAS SEEN BEHIND SOME TREES*
b. angle of elevation... *10 degrees from horizon*
c. compass angle bearing.....
24. What was the manner of its disappearance?... *F. & thought it was getting a bit smaller*
25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)
... *NONE*

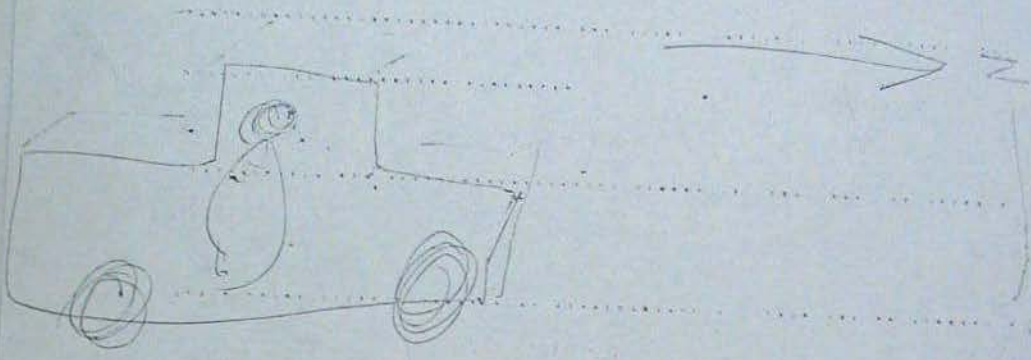
/ 26. State any

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?*DN*.....*HY*.....*OWN*.....
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?
.....*Looked to me like it was a meteor*.....
30. What are your main reasons for excluding this explanation?
.....*it was a long way away / it seems to be entering the Earth atmosphere*.....
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.....*A. L. Lohrholme*.....

Date.....*10-5-1973*.....



REPORT ON UNUSUAL AERIAL SIGHTING

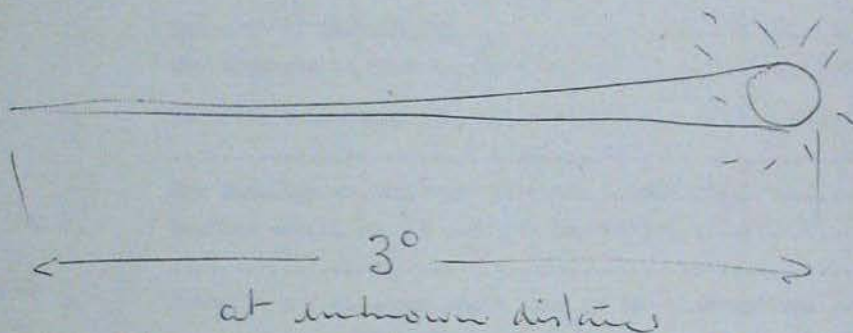
Part 1 - Report by Observer

(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 James Denis Holden Age 49
2. Address of Observer 49 YANNARIE Close
DAMPIER Phone Number 831170
3. Occupation of Observer PORT SUPERINTENDENT
4. Dat & Time of Start of Observation 0003 hrs. 29th APRIL 1973
How certain is the date? ABSOLUTE
How accurate is the time of start? POSITIVE
5. Duration of Observation 90 SECS.
How accurate is your estimate? TIMED
6. Observer's location at time of sighting 20° 36.0' S
116° 40.48' E
How familiar is observer with this locality? INTIMATE
7. Weather conditions at time of observation FINE & CLEAR
LIGHT AIRS
8. Describe any aids/equipment used in the observation COMPASS bearings (corrected)
9. Where was object first observed?:
a. Relative to your surroundings First sighted on azimuth 024° T. travelling parallel to horizon & finally disappeared behind beach hills
b. Angle of elevation 12° Bearing 133° T
c. Compass angle bearing 024° T through E to 133° T
d. How accurate are these estimates? ± 0.1°
10. What first attracted observer's attention? CONSTANT MOVING
Bright light
11. If there was more than one light/object:
a. How many were there? ONE
b. in what formation were they?

12. What was the colour of the light or object? *Yellow of magnitude 2.0 star*
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)
Intermittent flashes approx. 1 sec. duration ev 5-10 secs. = 1/10 full moon
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon *5 times diam. at head, tail extending*
b. relative dimensions in inches at arm's length (About 20 inches from eyes) *tail extended 30° of arc*
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
Constant as initial & final observations
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)?
120°
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.
Distance to object unknown
20. Give duration of any stationary phases *None observed*
21. Describe any deviations or manoeuvres *NIL straight course*
22. Describe any trail of exhaust, vapour or light seen.
Bright head, long tail diminishing in intensity
23. Where was object last observed? :
a. relative to your surroundings *As stated*
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)
NIL

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.
..... MASTER MARINER
27. How many witnesses to the sighting? 2
28. Do you know of witnesses to similar sightings in the area?
..... Only as reported in the media
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?
..... Comet
30. What are your main reasons for excluding this explanation?
..... Not other than known space waste
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.....

Capt JD. HOLDEN M.I.N (Lowd.)

Date.....

28.5.73

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 R. Skidmore Age 33
2. Address of Observer 126 CEDAR ST
Tempe, AZ Phone Number 89-1278
3. Occupation of Observer Locomotive Driver
4. Dat & Time of Start of Observation 28/4/73 2358
How certain is the date? Exact
How accurate is the time of start? Exact
5. Duration of Observation 1 1/2 minutes
How accurate is your estimate? Round figure only
6. Observer's location at time of sighting Tempe, AZ
How familiar is observer with this locality? Very good
7. Weather conditions at time of observation Clear
0-15 C
8. Describe any aids/equipment used in the observation None
9. Where was object first observed?:
a. Relative to your surroundings in clear sky, did not see it
entry at horizon
b. Angle of elevation 15 degrees
c. Compass angle bearing NW to SSE
d. How accurate are these estimates? Approximate
10. What first attracted observer's attention? Leaving light and slow
speed, then bright
11. If there was more than one light/object:
a. How many were there? One only
b. In what formation were they? None

/ 12. What was

12. What was the colour of the light or object?... *W HITE*
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)
... *FLUORESCENT LIGHT AT 100 YARDS*
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon... *NOT NOTICED*
b. relative dimensions in inches at arm's length (About 20 inches from eyes)... *2 INCHES IN DIAMETER TO APPROX 5 INCH*
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
... *APPROX 100 DEGREES N-E FROM SIGHTING, GROUND ONLY*
16. Was any method of propulsion obvious?... *N.C.*
17. Describe any sound heard, including changes in pitch and intensity
... *N.C.*
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
... *KEPT 100 DEGREES N-E LEVEL FLIGHT*
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.
... *A B-29 - APPROX 2000 YDS AT 500 FT*
20. Give duration of any stationary phases... *N.C.*
21. Describe any deviations or manoeuvres ... *N.C.*
22. Describe any trail of exhaust, vapour or light seen... *W HITE 100 YD?*
... *APPROX 100 YD OF BURNING OBJECT*
23. Where was object last observed? :
a. relative to your surroundings *Town of Pagan*
b. angle of elevation ... *100*
c. compass angle bearing... *55 E*
24. What was the manner of its disappearance?... *OUT OF SIGHT*
... *BEHIND THE TOWN OF PAGAN*
25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)
... *ONLY REMOVED APPROX 10 FEET ON 2nd FLOOR*
... *SHOWN ONLY A WHITE DOT, USUAL*

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.

27. How many witnesses to the sighting? *None*

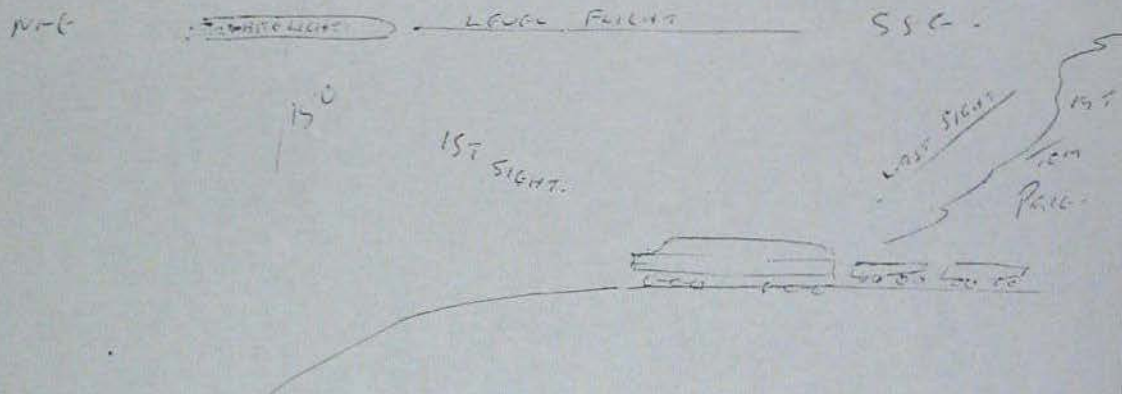
28. Do you know of witnesses to similar sightings in the area?

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

30. What are your main reasons for excluding this explanation?

*TO SHOW FOR MEASUREMENT OF LIGHT SOURCE FROM THE REGION
SKY WAS IN OBSERVATION TIME, CO-ORDINATE*

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 *[Signature]*

Date *16-5-73*

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 RICHARD S. WARREN Age 31 yrs
2. Address of Observer Mt. Manger Str., Kalgoorlie WA 6430
..... Phone Number Mt. Manger 1
3. Occupation of Observer Station Manager
4. Dat & Time of Start of Observation 29/4/73 0005 to 0010 hrs
How certain is the date? Accurate
How accurate is the time of start? Within 5 minutes
5. Duration of Observation Aprox 2 minute
How accurate is your estimate? It was judged + not timed
6. Observer's location at time of sighting 33 miles from Leonora on the Lake Deakin Road
How familiar is observer with this locality?
7. Weather conditions at time of observation Clear & still
8. Describe any aids/equipment used in the observation NONE
9. Where was object first observed?:
a. Relative to your surroundings It came up about 5 degrees on the left hand side of the road going out from Leonora
b. Angle of elevation Unknown, and moved over to about 25 to the right once moving south away from Leonora
c. Compass angle bearing Not known
d. How accurate are these estimates? Reasonably
10. What first attracted observer's attention? A yellow light (fairly large) coming at us from the above described position
11. If there was more than one light/object: There was one main light which
a. How many were there? Seemed to be followed by numerous sparks,
b. in what formation were they? which did not go out

1 - Main light What was
numerous small lights

12. What was the colour of the light or object? *slit lighter than a star*
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)
More like a small moon
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon *slit bigger than Venus*
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?
Elevation about 35° from the ground - guessed
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)?
as 15. The object appeared to be travelling parallel to the earth's curve
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. *very slowly approx. 1/2 in. per sec.*
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. *As per diagram and description Page 1*
23. Where was object last observed? :
a. relative to your surroundings *on the known side of a previously*
b. angle of elevation *still travelling parallel to the earth in afternoon*
c. compass angle bearing *None taken*
24. What was the manner of its disappearance? *The trail disappeared first and then the main light. Similar to the disappearance of a satellite when it goes out of sight before disappearing over the 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

26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.
I passed mathematics A a heavy cut level in Path
27. How many witnesses 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?
A slow close shooting star travelling 11th to the earth
30. What are your main reasons for excluding this explanation?
No direction, slow speed and apparent distance
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.

P.T.O.

Signature *Richard Stanley Warren*
RICHARD STANLEY WARREN

Date *12/5/73*

to Lorlot.

32 miles from Leonora
Truck
utility
observed

to Leonora.

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)

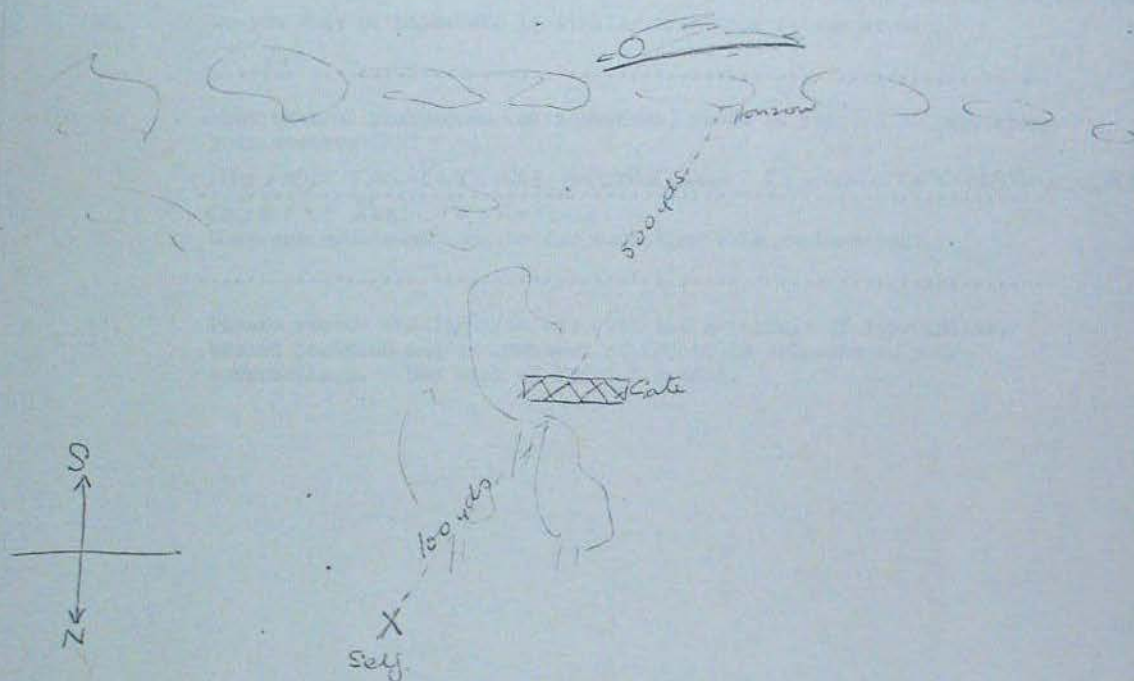
1. Name of Observer MARGARET LEDGER Age 34
2. Address of Observer MEDA STATION DERRY
N.A. Phone Number MEDA 1
3. Occupation of Observer HOUSEWIFE
4. Dat & Time of Start of Observation 29 APRIL 1973
How certain is the date? DEFINITE
How accurate is the time of start? WITHIN A FEW MINUTES
5. Duration of Observation APPROX 15 SECONDS
How accurate is your estimate? TALLIES WITH COMPANION'S ESTIMATE
6. Observer's location at time of sighting HOMESTEAD GATE AT
MEDA STN 30 MILES FROM DERRY
How familiar is observer with this locality? VERY FAMILIAR
7. Weather conditions at time of observation STARLIGHT NIGHT
8. Describe any aids/equipment used in the observation NONE
9. Where was object first observed?:
a. Relative to your surroundings FROM HSTEAD GATE OVER MULE PDX GATE
VERY LOW ON HORIZON. HOWEVER THERE ARE LOW SCRUBS ABOUT AND
20-30 FEET WHICH INTERRUPTED OUR VIEW.
b. Angle of elevation VERY CLOSE TO HORIZON
c. Compass angle bearing S.S.W FROM MEDA HSTEAD
d. How accurate are these estimates?
10. What first attracted observer's attention? GETTING OUT OF CAR
HAPPENED TO NOTICE BRIGHT LIGHT IN SKY
11. If there was more than one light/object:
a. How many were there? ONE ONLY
b. in what formation were they? N/A

/ 12. What was

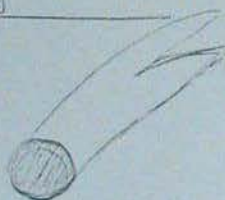
12. What was the colour of the light or object? *RED/ORANGE WITH RED/*
ORANGE FIERY
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)
VERY LIKE ROCKET BURST AT FIREWORK DISPLAY
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon *Size relative to full Moon*
b. relative dimensions in inches at arm's length (About 20 inches from eyes) *(Drawing of a circle)*
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
16. Was any method of propulsion obvious?
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)?
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.
20. Give duration of any stationary phases *NONE*
21. Describe any deviations or manoeuvres *MOVED FROM RT TO LEFT LOOKING SSW*
22. Describe any trail of exhaust, vapour or light seen *LARGE RED/ORANGE*
FEATHER-LIKE TRAIL FAR LARGER THAN
23. Where was object last observed? :
a. relative to your surroundings
b. angle of elevation
c. compass angle bearing *SSW*
24. What was the manner of its disappearance? *DISAPPEARED BEHIND*
LOW SKY ON 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

26. State any training which enables observer to be reasonably certain



Object seen



My impression was that the whole object was of a Red/Orange color, however there was definitely a difference in the circular part in the front with a feather-like tail.

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? TWO - MYSELF AND MISS C. CHIVERS, MEDIA STN. DER
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?
..... MY FIRST THOUGHT WAS A COMET — BUT NEVER HAVING SEEN ONE I DON'T KNOW.
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

K. Margaret Leaper

Date

4th May 1973

P.T.O.

510
I find it very difficult to make any
estimate of size & distance. I was standing
near the top of a very very slight rise that is
covered with gum trees, beak trees & some
low scrub. The object ^{was very close to} ~~was~~ ^{in sight} the horizon travelling from right to left.
It was obscured twice - behind large trees
& disappeared finally behind the scrub.
The sighting started when I got out of the car
turning round to open the rear door.



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 John E. Lawwill Age 38
2. Address of Observer 21 Kensington Way
Lesinardie, W.A. Phone Number 936670
3. Occupation of Observer Airline Pilot
4. Date & Time of Start of Observation 0005 W 29-4-73
How certain is the date? Accurate
How accurate is the time of start? Approximate
5. Duration of Observation 4-5 minutes
How accurate is your estimate? Approximate
6. Observer's location at time of sighting Approximately 20 miles
South of Denpasar, W.A. (at start of observation)
How familiar is observer with this locality? quite familiar
7. Weather conditions at time of observation Night, clear skies
with no moon
8. Describe any aids/equipment used in the observation None except
that we were airborne in F-28 aircraft
9. Where was object first observed?:
a. Relative to your surroundings above, and to the left
b. Angle of elevation 15°
c. Compass angle bearing 030° True
d. How accurate are these estimates? approximate
10. What first attracted observer's attention? Bright light, white
as we approached landing light
11. If there was more than one light/object:
a. How many were there? One
b. in what formation were they? N/A

12. What was the colour of the light or object? *white & blue/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)
Very bright... such as a bright meteorite
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon *Approximately 1/10th of moon*
b. relative dimensions in inches at arm's length (About 20 inches from eyes) *1/10*
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
Through left cockpit wind screen 20° up to 30° T
16. Was any method of propulsion obvious? *No*
17. Describe any sound heard, including changes in pitch and intensity
None - obviously much too far for sound
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
Max about 20° minimum 0
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. *Obviously moving very fast, estimated to be 100 miles per sec*
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. *Trail of particles, similar to "tail" of a comet, except following*
23. Where was object last observed? :
a. relative to your surroundings *Increasing distance rapidly*
b. angle of elevation *about level*
c. compass angle bearing *110° T. (estimated)*
24. What was the manner of its disappearance? *Disappeared as though it burned out or went below the hills / 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

26.

State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.

.....Practicing airline pilot.....

27.

How many witnesses to the sighting? *4 crew members, as well as ground observers*

28.

Do you know of witnesses to similar sightings in the area?

.....None, except for some sightings in MMT ground staff at Narathu, with.....

29.

What natural phenomenon (or phenomena) would be nearest to explaining your observation?

.....A large meteorite striking the atmosphere at a relatively low angle of incidence.....

30.

What are your main reasons for excluding this explanation?

.....None.....

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.

This sighting can be better described than sketched. The appearance was that of a large meteorite or "felling star" first sighted above and to the right, tracking about $140^{\circ}T$ to about $160^{\circ}T$, disappearing on the horizon East to S.E. of our position. The main significance being the time the object remained visible, which was probably 10 times as long as ^{any} I had ever seen before. Also the trail of glowing (same color) particles breaking off was very vivid.

I was unable to give this sighting my full attention as I was occupied with maneuvering the aircraft for a landing.

Signature.....

Larry E. Lawwill

Date.....

7-5-73

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

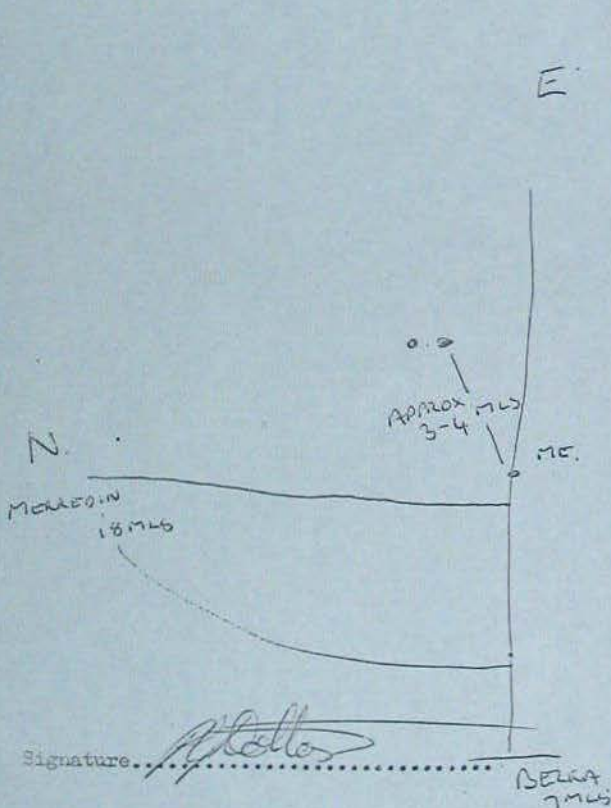
(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form)

1. Name of Observer PETER DOLTON Age 20
2. Address of Observer BELKA
..... Phone Number BELKA 25
3. Occupation of Observer FARMER
4. Dat & Time of Start of Observation 29th APRIL 12.02 A.M.
How certain is the date? EXACT
How accurate is the time of start? APPROX
5. Duration of Observation 45 SECS.
How accurate is your estimate? APPROX
6. Observer's location at time of sighting 18 MLS SOUTH OF MCKAYTON
How familiar is observer with this locality? RESIDENT 20 YRS.
7. Weather conditions at time of observation COOL AND APPROX 3/8 CLOUD COVER
8. Describe any aids/equipment used in the observation NIL
9. Where was object first observed?:
a. Relative to your surroundings NORTH EAST
b. Angle of elevation 30°
c. Compass angle bearing
d. How accurate are these estimates? APPROX
10. What first attracted observer's attention? TWO YELLOWISH COLOURED LIGHTS IN THE SKY
11. If there was more than one light/object:
a. How many were there? TWO
b. in what formation were they? ONE BEHIND THE OTHER

12. What was the colour of the light or object?... REDDISH YELLOW
13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards)
..... 22 WATT LIGHT GLOBE
14. What was the apparent size at nearest approach? :
a. relative to Venus or Moon... TOO FAR AWAY TO BE CERTAIN
b. relative dimensions in inches at arm's length (About 20 inches from eyes)... 2 1/2 INCHES APART AT ARM'S LENGTH
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
.....
16. Was any method of propulsion obvious?... APPEARED TO HAVE VAPOUR TRAIL
17. Describe any sound heard, including changes in pitch and intensity
..... NONE (CAR ENGINE RUNNING)
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
..... 5-6 DEG. BT. FROM WHERE I WAS
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.
..... HARD TO ASCERTAIN BECAUSE OF DISTANCE AWAY
20. Give duration of any stationary phases... NONE
21. Describe any deviations or manoeuvres... VEERED EAST
22. Describe any trail of exhaust, vapour or light seen...
..... YELLOWISH TAIL
23. Where was object last observed? :
a. relative to your surroundings... E N-E
- b. angle of elevation... 30 ABOVE HORIZON
- c. compass angle bearing.....
24. What was the manner of its disappearance?... BOTH APPEARED TO TURN LEFT (EAST) AND THEN DISAPPEARED
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

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?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?
.....JET.....
30. What are your main reasons for excluding this explanation? OTHER SIGHTINGS
AND THE WAY IN WHICH IT WAS MOVING
AND THE WAY IT VEERED LEFT & DISAPPEARED
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 objects were
approx 3-4 MLS
AWAY moving in
a southerly direction
I stopped my
vehicle, climbed out
and watched them
for a further 10-15
seconds before they
appeared to veer
EAST where they
disappeared or
moved into cloud
The night was
quite dark but
could see patches
of cloud.

Signature.....

Date.....8/6/72.....

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 Mr. Edward George Calleja Age 37 Years
2. Address of Observer 30 Gratwick Street Port Hedland 6721 W.A.
.....Phone Number.....
3. Occupation of Observer Flight Service Officer Grade 2
4. Date & Time of Start of Observation 28/4/73 0002. on 28041602 GMT 29th
How certain is the date? Definite
How accurate is the time of start? Definite
Duration of Observation 90 Seconds
How accurate is your estimate? Between (90 seconds to 120 Seconds)
6. Observer's location at time of sighting On the main road leading to Port Hedland from the Airport. Just past the Leslie Salt Stock pile.
How familiar is observer with this locality? Used road during last 18 months on a daily basis.
7. Weather conditions at time of observation Sky Clear
No cloud at all. Thin smoke haze one patch close to Salt stock pile.
8. Describe any aids/equipment used in the observation Neon Lights on the Port Hedland Motor Hotel and the Leslie Salt stock pile.
9. Where was object first observed?
a. Relative to your surroundings A quarter of a mile past the Salt pile on a straight stretch of road. I stopped the car to observe a glow in the sky. First observed near the neon light of the Hedland motor hotel.
b. Angle of elevation 25 degrees then slightly curving to about 30 degrees and then lowering out of sight.
c. Compass angle bearing Spotted straight ahead direction of travel of object north to south.
d. How accurate are these estimates? very accurate.
10. What first attracted observer's attention? Bright flash suddenly appeared in the sky and at first thought that an F28 was in the vicinity however I just finished work and I knew that there were no aircraft in the Hedland area, and the F28 was approaching Karratha at the time. So I stopped the car to observe
11. If there was more than one light/object:
a. How many were there? One light
b. in what formation were they? ..

The Bright flash like the F28's suddenly putting on the landing lights.

/ 12. What was

Flame Orange.

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)
Like an oil flame commonly seen at oil refineries.. from a distance of one mile.

14. What was the apparent size at nearest approach? :

- a. relative to Venus or Moon... *large basketball size*.....
b. relative dimensions in inches at arm's length (About 20 inches from eyes)... *four feet in diameter*.....

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
000 degrees 30 degrees elevation.....

16. Was any method of propulsion obvious?..... *same as rocket propulsion*.....

17. Describe any sound heard, including changes in pitch and intensity
Zero pitch to Light sssssssss sound back to zero pitch.....

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
Max 30 degrees min 25 degrees estimated height 1500 feet till object ... disappeared below the horizon travelling 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.... *Same as light twin engined aircraft about 120 Kts.*.....

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

21. Describe any deviations or manoeuvres *On the descending curve it became quite bright like another stage igniting then descended out of sight even slower.*

22. Describe any trail of exhaust, vapour or light seen.....
Left a definite smoke trail which took a long time to dissipate.....

23. Where was object last observed? :

- a. relative to your surroundings *Disappeared behind the Salt pile*.....
b. angle of elevation *10 degrees*.....
c. compass angle bearing *180 degrees*.....

24. What was the manner of its disappearance? *disappeared behind Salt pile but kept descending to the ground or water plane becoming smaller*.....

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

26. State any training which enables observer to be reasonably certain of his/HER ability to estimate angles and angular velocity.
Been employed with the Dept of Civil Aviation for the past 12 years and always amongst Aviation circles. Private pilot licence 200 hrs experience one night VMC training done.
27. How many witnesses to the sighting? *3 persons that I know after the same night confirmed.*
28. Do you know of witnesses to similar sightings in the area?
Several witnesses friends and (people not known to me ^{Saw} seen it.).....
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?
Definitely not a natural phenomena
.....
30. What are your main reasons for excluding this explanation?
Speed too slow and the direction of travel too definite unlike a falling comet or meteorite also not as bright as a meteorite
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.

If I may summarise I would like to say that I was on duty from 5pm and was relieved about 5 mins to midnight. No object was consumed that day. From other reports of sighting e.g. F28 crew on descent to Kannatha and the Kannatha DCA officer and caretaker, also from M M A Goldsworthy traffic officer who was fishing at Condon with two other persons and another witness fishing at Mundabullingana all report seeing object with definite smoke trail. My estimate of distance and altitude must be way out if these people have seen the same thing. Also the constable at Newman saw the same thing there. I assume the object was an artificial satellite re entering the earth's atmosphere.

Pro.

Signature.....

E. J. Callja

Date.....

7-5-73

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 TAMM CANNON (PH) Age 41
2. Address of Observer 13 DUDLEY RD KENNICK
W.A. Phone Number 692352
3. Occupation of Observer CONTRACTOR (AIR CONDITIONING)
4. Dat & Time of Start of Observation 13 MIDNIGHT 28/29 APRIL '73
How certain is the date? Positive
How accurate is the time of start? Positive
5. Duration of Observation 2 min. 40 seconds
How accurate is your estimate? Checked by stop watch
6. Observer's location at time of sighting 125 miles Nth of Mitchell
on Highway
How familiar is observer with this locality? Familiar
7. Weather conditions at time of observation Clear night
- Cool 60° F
8. Describe any aids/equipment used in the observation None
9. Where was object first observed?:
a. Relative to your surroundings North. Not East
b. Angle of elevation 50°
c. Compass angle bearing N. about
d. How accurate are these estimates? Accurate as can be noted with
10. What first attracted observer's attention? Light on sky
11. If there was more than one light/object:
a. How many were there? One at first then about 12 following
b. in what formation were they? 1 major object & then 4 bands of 3.

12. What was the colour of the light or object? *Dark objects...*
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 stars or fire fuel
14. What was the apparent size at nearest approach? :
 - a. relative to Venus or Moon... *As big as full moon*
 - b. relative dimensions in inches at arm's length (About 20 inches from eyes)... *16 inches*
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
Elevation unknown but at 50° from S.W.
16. Was any method of propulsion obvious? *Yes... heard it...*
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)?
50° Constant... Height unknown
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... *getting with planet in it - faster than small but slower than jet*
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... *Light trail in twelve or so pulses with a pulsing impression*
23. Where was object last observed? :
 - a. relative to your surroundings... *on southern horizon*
 - b. angle of elevation... *10°*
 - c. compass angle bearing... *55° East*
24. What was the manner of its disappearance? *Apparent curvature of earth*
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.
Engineering Training & Draughtsmanship.

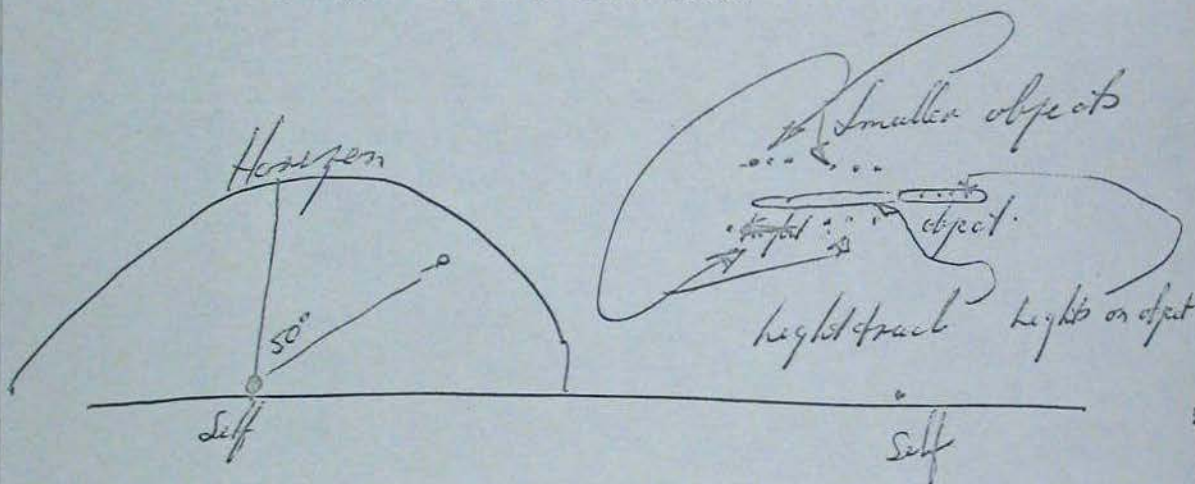
27. How many witnesses to the sighting? *4.*

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?
Weather (Didn't believe Jules Verne till that night)

30. What are your main reasons for excluding this explanation?
Because I 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 *[Signature]*

Date *4-May '73*

12 MAY 73

D 2030

SIGHTING # 6a, b, c, d

GATESHEAD WEST

R. M. JESSOP

BELMONT NTH

W. A. SNEDDON

KOOLWONG

C. PEMIS

NSW

MRS G. J. WAUGH

580/1/1 Pt25 (6b)

19 JUL 1973

Mr C. Perrin,
60 Brisbane Water Drive,
KOOLEWONG, NSW 2256

Dear Sir,

With reference to your report of an unusual aerial sighting on 12th May 1973 it has been determined that the most probable cause was a Cessna aircraft flying from Kempsey to Sydney.

Three other witnesses reported the same sighting and when the times, elevations and bearings were correlated, the result showed the track of the sighted object was on a line from Newcastle to Sydney. It also showed that the velocity was constant at approximately 180 miles per hour.

From records held by the Department of Civil Aviation at Sydney airport, investigations discovered that a Cessna 402 aircraft, VH-SIV, landed at Sydney at 6.55 PM having flown at 4000 ft altitude from Kempsey. VH-SIV is fitted with stroboscopic lighting which is a brilliant white flashing light used for anticollision purposes.

The Cessna 402 engines are the Lycoming Continental type and are extremely quiet, thus accounting for the absence of noise associated with the sighting.

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

*14/1/73
DAM
19 Jul 73*

FROM DEPAR	FILE 580/11/P.25/6d	DATE 20 JUL 73	REFERENCES HOWLM 5/2/18(58) OF 29 JUN 73
TO HOWLM		ATTENTION FIO	
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

1. Enclosed for your records, is a copy of a letter from this Department to M. C. J. Waugh in reply to report of an unusual aerial sighting.

2. Replies to Messrs Perrin, Sneddon & Jessop were identical, and copies are not therefore enclosed.

ENCLOSURE: Copy of letter to M. C. J. Waugh

SIGNATURE M. Cresson	NAME M. Cresson	RANK FLC OFF	APPOINTMENT 12 J	PHONE NO 3408
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580/1/1 Pt25 (6c)

Mr G.J. Waugh,
11 Buttaba Avenue,
RELMONT NORTH, NSW 2280

19 JUL 1973

Dear Sir,

With reference to your report of an unusual aerial sighting on 12th May 1973, it has been determined that the most probable cause was a Cessna aircraft flying from Kempsey to Sydney.

Three other witnesses reported the same sighting and when the times, elevations and bearings were correlated, the result showed the track of the sighted object was on a line from Newcastle to Sydney. It also showed that the velocity was constant at approximately 180 miles per hour.

From records held by the Department of Civil Aviation at Sydney airport, investigations discovered that a Cessna 402 aircraft, VH-SIV, landed at Sydney, at 6.55 PM having flown at 4000 ft altitude from Kempsey. VH-SIV is fitted with stroboscopic lighting which is a brilliant white flashing light used for anti-collision purposes.

The Cessna 402 engines are the Lycoming Continental type and are extremely quiet, thus accounting for the absence of noise associated with the sighting.

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

*L
Graham
JAG
19 Jul 73*

580/1/1 Pt25 (6a)

10 JUL 1973

Messrs W.A. Sneddon & R.M. Jessop,
63 Coral Crescent,
GATESHEAD WEST NSW 2290

Dear Sirs,

With reference to your report of an unusual aerial sighting on 12th May 1973, it has been determined that the most probable cause was a Cessna aircraft flying from Kempsey to Sydney.

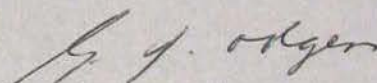
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The Cessna 402 engines are the Lycoming Continental type and are extremely quiet, thus accounting for the absence of noise associated with the sighting.

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

Yours faithfully,



(G.J. ODGERS)
Director of Public Relations

Handwritten note:
GJ
DAM
19 Jul 73



ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: Newcastle 65-1221

DEPT. OF AIR
580-1-1
DAFI
3-7-73

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

IN REPLY QUOTE 5/2/Air(56)

29th June 1973

DAFI
~~Department of Air~~

For Information:

Headquarters Operational Command (Attn: CC Intell O)

REPORT ON UNUSUAL AERIAL SIGHTING

Reference: A. HQWLM 5/2/Air(56) dated 26th June 1973

1. Reference A covered a report on four observations of one unusual aerial sighting, a flashing white light travelling from north to south, and observed in the Newcastle/Gosford areas, over the period 1850-1850 on 12th May 1973. It was stated in the report that no civil aircraft were active in the area at the time of sighting.
2. Further information from SSATC Mascot now to hand, gives the following details:
 - a. One light aircraft - type unknown - en route Kempsey - Mascot at 4000 feet, ETA Mascot 1905.
 - b. Cessna, en route Taree-Mascot at 1500 feet ETA Mascot 1915 hours.
3. This information should allow for a more positive identification of the sighting.


(A.F. BLACKBURN)
Flight Lieutenant
for Officer Commanding





ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: Newcastle 65 1221

580-1-1 DAFI
7-6-73
Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

26th June 1973

IN REPLY QUOTE 5/2/Air(56)

DAFI
The Secretary
Department of Air
Russell Offices
CANBERRA ACT 2600

For Information:

Headquarters Operational Command (Attention: CC Intell O)

REPORT ON UNUSUAL AERIAL SIGHTING

1. Attached are reports on an unusual aerial sighting submitted by:
- R.M. Jessop of 63 Coral Crescent, Gateshead West NSW 2290,
 - Mr W.A. Sneddon C/- R.M. Jessop, above,
 - Mr C. (C ^{PERRIN} % ~~Penis~~) of 60 Brisbane Water Drive, Koolewong NSW 2256 - report forwarded by Mr H. Griesberg of the Central Coast UFO Research Bureau, and
 - Mr and Mrs G.J. Waugh of 11 Buttaba Avenue Belmont North, NSW 2280.

Delay in forwarding these reports is regretted, and is caused through a fifth observer failing to return to this Headquarters, the Part 1 forwarded to him. Messrs Jessop and Sneddon, only, were interviewed personally.

2. The sighting took the form of a brilliant white light travelling in a southerly direction, with no apparent deflection in course or altitude, although estimates of speed vary considerably.

3. No military or civil aircraft were reported active at the time of the sighting. No planets or major stars were visible. There was no moon. No satellite or rocket passes were forecast for the East Coast over the period of the sightings. There was a surface inversion from 0-500 feet of 7°C, and a subsidence inversion of 5°C at 10,000 feet. Visibility was 25 nautical miles, and conditions generally were calm.

/4. A

4. A possible solution to the sighting is that of a light aircraft fitted with a strobe anti-collision light. The height and speed of the object are consistent with that of a light aircraft and the strong surface temperature inversion most certainly would have presented a distorted image of the object. It should also be noted that the Orderly Officer logged the call from Mr Waugh at 1840 hours, which would put his time of start of observation back by between five and ten minutes.

5. Forwarded for your further investigation.



(A.F. BLACKBURN)

Flight Lieutenant
for Officer Commanding



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 *33° 45'* Longitude *151° 21'*
DELMONT 33 02
GATESHEAD 32 57
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. The first significant temperature inversion was of ...*7*...°C at
 ...*0-500*...ft, measured at...*1100*...Z hrs from...*WILLIAMSTOWN*
METEOROLOGICAL...station.
38. Any remarks on satellites, rockets, research balloons, comets, meteorites etc relevant to the sighting... *NONE VISIBLE*
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 light aircraft fitted with a strobe anti collision light.

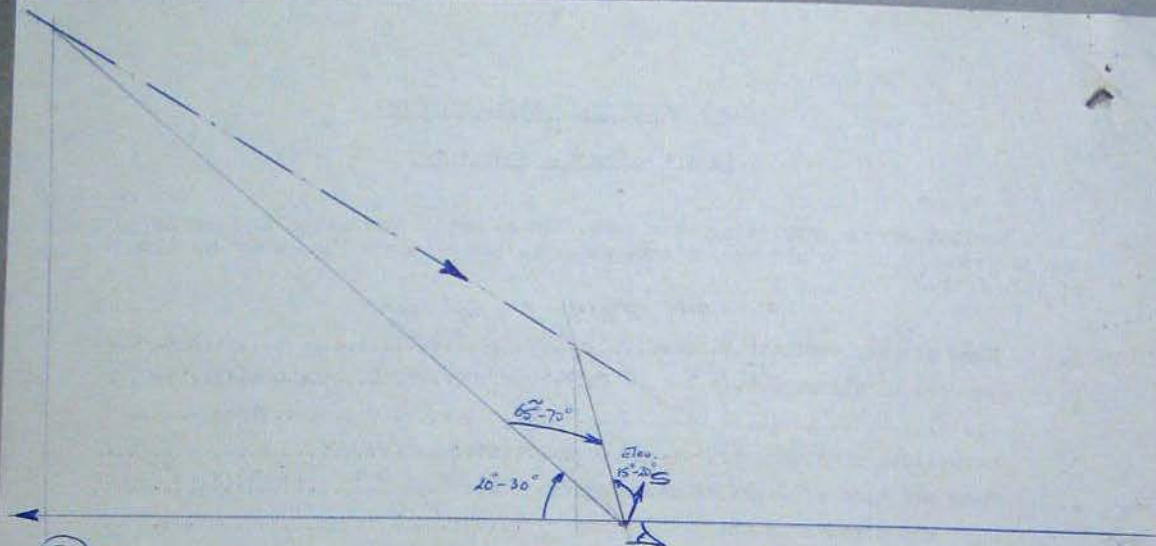
.....*H.B. WELM*.....(Unit).....*A.F. BLACKBURN*.....(Name)
*26 JUNE 1973*.....(Date).....*FLY LT*.....(Rank)

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 ① WILLIAM ANDREW SULLIVAN 23
② ROBERT MERTEN JESSOP Age 29
2. Address of observer ② 63 Coral Terrace, Glastonbury, Wilt.
.....Phone.....
3. Occupation of observer ① Student / ② Trainee Electrician
4. Date and time of start of observation 12 May 13 1830 hrs
How certain is the date? quite
How accurate is the time of start? ± 5 minutes
5. Duration of observation approx 30 seconds
How accurate is your estimate? reasonably
6. Observer's location at time of sighting shore, address
.....
How familiar is observer with this locality? very (both observers)
7. Weather conditions at time of observation Clear - no moon
8. Describe any aids/equipment used in the observation N/A
9. Where was object first observed:
a. Relative to your surroundings almost due East
b. Angle of elevation 20° - 30°
c. Compass angle bearing 90°
d. How accurate are these estimates? quite
10. What first attracted observer's attention? large white flashing light
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? brilliant 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)
comparable to a street light
14. What was the apparent size at nearest approach:
a. Relative to Venus or Moon See explanation on page
b. Relative dimensions in inches at arm's length (about 20 inches from the eyes)



② Diagram gives approximate ~~bearings~~ ^{elevations} from horizontal and bearings of sighting. The southerly horizon is limited by proximity of houses and trees. The path taken by the light appeared North-South. There was no way in which the magnitude and velocity ^{and altitude} could be judged accurately as there was no available reference point. Velocity was, however, consistent with light aircraft travelling at about 150 kts at 1500 ft. There was NO noise associated with the light which flashed brilliantly at 2-3 second intervals with a bluish-tinged light similar to a strobeoscope. There was no reflection or shadow associated with the light as would be expected were it attached to the top surfaces of an aircraft. There was no noticeable change in direction, altitude, velocity, or frequency prior to going out.

① I agree with the above statement.

The light flashed at approximate interval of 2-3 seconds. The light was an intense white & closely resembled an electronic Xenon flash as used on cameras. There was no afterglow associated with the flash - no light was visible between flashes, nor was there visible any outline of a body that the light could have been mounted on.

B. Seddon 17-5-1973.

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....
16. Was any method of propulsion obvious?... *nothing obvious*.....
17. Describe any sound heard, including changes in pitch and intensity.....
..... *none heard*.....
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?... *maintained constant course*.....
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... *comfortable to horizon - 1500 ft. 1500'*.....
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... *just a brilliant flashing light*.....
23. Where was the object last observed:
- a. Relative to your surroundings... *SSE*.....
- b. Angle of elevation... *20° - 30°*.....
- c. Compass angle bearing... *155° approx*.....
24. What was the manner of its disappearance?... *disappeared over*.....
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. (a) *student pilot licence (a) gliders + radio controls aircraft*.....
27. How many witnesses to the sighting?... *fewer as told*.....
28. Do you know of witnesses to similar sightings in the area?.....
..... *one other*.....
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.

① *B. Della* ② *[Signature]*
Signature.....

Date. *17-5-1973*.

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... MR. & MRS. E.J. WAGHAN Age... 28-27
2. Address of observer... 11 BUTTABA AVE,
WILMONT N.H. 0280 Phone... 45-3574
3. Occupation of observer... CLERK HOUSEWIFE
4. Date and time of start of observation... 12.5.75 6.45pm
How certain is the date? POSITIVE
How accurate is the time of start? FAIRLY ACCURATE
5. Duration of observation... 15 MINUTES
How accurate is your estimate? WITHIN 5 MINUTES
6. Observer's location at time of sighting... FRONT VERANDAH OF HOUSE,
11 BUTTABA AVE, WILMONT N.H.
How familiar is observer with this locality? VERY
7. Weather conditions at time of observation... CLEAR NIGHT
8. Describe any aids/equipment used in the observation... FIELD GLASSES (8x40)
+ NAKED EYE
9. Where was object first observed:
a. Relative to your surroundings... APPROX. OVER SWANSEA
CHANNEL, AT SEA ENTRANCE
b. Angle of elevation... 15° TO 25°
c. Compass angle bearing... APPROX. DUE SOUTH
d. How accurate are these estimates? APPROXIMATIONS
10. What first attracted observer's attention? STATIONARY BRIGHT
LIGHT, LOWER THAN STARS
11. If there was more than one light/object:
a. How many were there? NO
b. In what formation were they? NO
12. What was the colour of the light or object? 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)
VERY BRIGHT AT FIRST, THEN FLICKERING
14. What was the apparent size at nearest approach:
a. Relative to Venus or Moon... VENUS
b. Relative dimensions in inches at arm's length (about 20 inches from the eyes)... 3 INCH TO 1 INCH

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....
16. Was any method of propulsion obvious? *SEEMED to be slowly moving UP the CHANNEL.*
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)? *200' Approx OVER CHANNEL.*
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. *VERY SLOW, HARDLY MOVING AT ALL.*
20. Give duration of any stationary phases. *VERY SLOW MOVING.*
21. Describe any deviations or manoeuvres. *NIL.*
22. Describe any trail of exhaust, vapour or light seen. *NIL.*
23. Where was the object last observed:
- a. Relative to your surroundings. *HEADING SOUTH.*
- b. Angle of elevation. *15° TO 30°*
- c. Compass angle bearing. *DUE SOUTH.*
24. What was the manner of its disappearance? *APPEARED TO DISAPPEAR IN THE SOUTH.*
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? *4*
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? *FLASHING LIGHT ON HOVERING HELICOPTER.*
30. What are your main reasons for excluding this explanation? *BECAUSE THROUGH FIELD GLASSES THERE WAS NO 'COPTER, APPARENT SHAPE.*
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. Haugh
A. Haugh

Date.....

24/5/73.



P.O.Box 546
Gosford N.S.W. 2250.

May 18, 1973.

F.L. Frank Blackburn
Intelligence Officer
RAAF Base Williamtown.

Dear Mr. Blackburn.

Enclosed please find account of unusual
aerial sighting over Gosford on 12-5-73.

Further to this report, the witness, who was at the radio station (2GO) at the time, states that when he received the phone calls from Toukley residents, who did not supply their names, he immediately ran outside, to try and catch a glimpse of the object himself, after working out with the help of a map, and the location of the residents, that the object was heading towards Gosford. After he lost sight of the object, and returned into the studio, he received further calls from people in Ettalong, once again no names, who stated that the object headed to over Lyon Island, where it abruptly, and without loss of speed did a 90 degree turn and sped off at a great speed in an easterly direction.

Trusting you are able to help us with the investigation of this report,

Yours sincerely,

Harry Griesberg
Harry Griesberg
Secretary.

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer



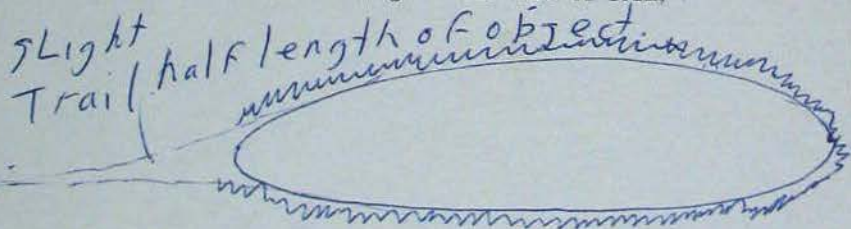
(As a preliminary to completing this form, the observer is invited to describe the sighting in his or her own manner, using either separate sheets or the back of this form.)

C. PERRIN

1. Name of observer... Cliff Perrin Age 32
2. Address of observer... 60 Barbara Vate Drive
Woodbury 2256 Phone 413504
3. Occupation of observer... Asst. Short Editor 2 G.O.
4. Date and time of start of observation... 12/5/73 6:40 PM.
How certain is the date?... Definitely
How accurate is the time of start?... Definite
5. Duration of observation... approx 60 Secs.
How accurate is your estimate?... Watch calculation
6. Observer's location at time of sighting... Students at
Radiom 2 G.O. Gorfond.
How familiar is observer with this locality?...
2 1/2 years in area
7. Weather conditions at time of observation... fine Visibility
10/10ths Zero possibility of laser
8. Describe any aids/equipment used in the observation...
none
9. Where was object first observed:
a. Relative to your surroundings... Yes: Moving from
N.N.E. to S.S.W. slightly east of 2 G.O.
b. Angle of elevation... approx 80 degrees
c. Compass angle bearing... 190 M.
d. How accurate are these estimates?... Very
10. What first attracted observer's attention? Phone call
from Jankley district
11. If there was more than one light/object:
a. How many were there?... 1
b. In what formation were they?.....
12. What was the colour of the light or object? brilliant 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)
Brighter than 3rd Magnitude Star.
14. What was the apparent size at nearest approach:
a. Relative to Venus or Moon... 1/8th size of Moon
b. Relative dimensions in inches at arm's length (about 20 inches
from the eyes)... 1/8th inch
15. What were the bearing and elevation angles at nearest approach and how
were these values assessed? 20° M. 80° Compass
bearing
16. Was any method of propulsion obvious? possible pulse
magnetic drive - conversion of lines
of magnetic force.

/17. Describe

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)? *below 5,000 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. *approx 300 knots then accelerated to about Mach 1.*
20. Give duration of any stationary phases. *1/2 second*
21. Describe any deviations or manoeuvres. *colour change*
22. Describe any trail of exhaust, vapour or light seen. *faint white trail change to colour*
23. Where was the object last observed: *blue, Red, Orange white and blue*
 a. Relative to your surroundings. *30° S. 5 W. 2.60.*
 b. Angle of elevation. *30° S. 5 W. 16.*
 c. Compass angle bearing. *190° M.*
24. What was the manner of its disappearance? *observed by hill*
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. *private flying, was T.V. News Cameraman A.B.C.*
27. How many witnesses to the sighting? *none*
28. Do you know of witnesses to similar sightings in the area? *phone calls from 3 areas*
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation? *none*
30. What are your main reasons for excluding this explanation? *apparent shape, colour and behaviour*
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,



Object resembled 3/4 ellipse.

Signature... *C. Perma* Date... *15/5/73*

5 JUN 73

0-2030

SIGHTING # 5

ELTHAM
VIC

D.V. THOMPSON

FROM DEPAIR	FILE 5801/1.P.25(Sb)	DATE 6 JUL 73	REFERENCES HASC 516/1AIR(65) OF 24 MAY 73 516/1AIR(21) OF 2 JUL 73
ATTENTION CINTERNO			
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

Enclosed for your records, are copies of letters to Mr. D.V. Thompson, G.L., S.M. Augustini and Miss Norma Crover in reply to their reports of unusual aerial sightings.

ENCLOSURES: Copies of letters to Thompson, Augustini and Crover

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

580/1/1 Pt25 (5a)

13 JUL 1973

Mr D.V. Thompson,
30 Silver Street,
ELTHAM, VIC 3095

Dear Sir,

With reference to your report of an unusual aerial sighting on 22nd June 1973, it has been determined that the most probable cause was an ANSETT Boeing 727, VH-RMD, landing at Tullamarine Airport.

Although not a DCA requirement, both TAA and ANSETT aircraft are using landing lights as visual identification during daytime approaches. These landing lights are of an intensity equal to that described by you and due to their proximity, they appear as a single light. VH-RMD landed at Tullamarine from Adelaide at 08.22 AM on runway 09. The aircraft's angle of approach would be such that it would appear to be stationary over a 50 second period. The lights would have disappeared when the pilot turned them off near the completion of his approach.

We trust that this explanation will be satisfactory to you and thank you for your interest.

Yours faithfully,

G. J. Odgers

(G.J. ODGERS)
Director of Public Relations

*F. G. L. 11
DAM
12 June 73*

*Not
copy by DAM*

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE

5/6/1/Air(21)

DATE

2 JUL 73

FROM

HQSC

TO

DAFI ~~DEPAIR~~

ATTENTION

DAFI IR2

REFERENCES

580-1-1 DAFI
3-7-73

SUBJECT

UNUSUAL AERIAL SIGHTING

1. Enclosed is an unusual aerial sighting report from Mr D.V. THOMPSON of ELTHAM VIC

2. The RAAF controller at TULLAMARINE has advised that, although not required to do so by DCA, TAA and Ansett aircraft are using landing lights for day approach. They are also using landing lights as safety lights when operating outside controlled airspace.



SIGNATURE

R.O. Gibbs

PRINTED NAME

R.O. GIBBS

RANK AND APPOINTMENT

Flg Off INT1

PHONE EXTN

7410

C.O.O. 9777

10. What first attracted observer's attention.....

EFFECT.....

11. If there was more than one light/object : ONE

a. how many were there?.....

b. in what formation were they?.....

12. What was the colour of the light or object?..... WHITE, LIKE MAGNESIUM FLARE

RESUBMITTED

~~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.)

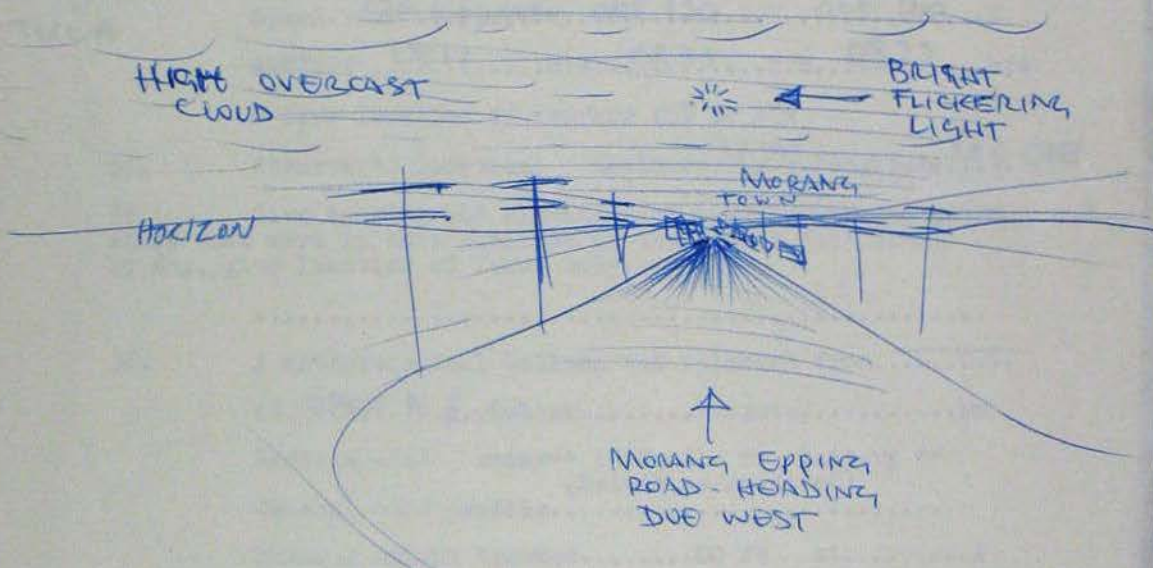
1. Name of observer DON V. THOMPSON Age 37
2. Address of observer 30 SILVER ST. ELTHAM
VIC 3095 Phone 439 8083
3. Occupation of observer AUTO DESIGNER
4. Date and time of start of observation 22-6-73 - 8-19/20 AM
How certain is the date? POSITIVE
How accurate is the time of start? POSITIVE
5. Duration of observation UP TO 30 SECONDS
How accurate is your estimate? VERY
6. Observer's location at time of sighting IN CAR PROCEEDING TO
PLACE OF WORK, JUST TURNED A CORNER AND
BREADED A HILL
How familiar is observer with this locality? TRAVERSE EVERY DAY IN
EACH DIRECTION
7. Weather conditions at time of observation OVERCAST, WITH FAIRLY HIGH CLOUD COVER
8. Describe any aids/equipment used in the observation NONE
9. Where was object first observed? :
 - a. Relative to your surroundings DIRECTLY AHEAD IN EXCESS
OF TWO MILES
 - b. angle of elevation 25° (ESTIMATED)
 - c. compass angle bearing DUE WEST
 - d. how accurate are these estimates? C IS ACCURATE
10. What first attracted observer's attention? BRIGHTNESS, FLICKERING
EFFECT
11. If there was more than one light/object : ONE
 - a. how many were there?
 - b. in what formation were they?
12. What was the colour of the light or object? WHITE, LIKE
MAGNESIUM FLARE

~~RESTRICTED~~

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards) BRIGHTER THAN ABOVE EXAMPLES. MAGNESIUM FLARE TYPE BRIGHTNESS
14. What was the apparent size at nearest approach?:
 - a. relative to Venus or Moon 4-5 TIMES SIZE OF VENUS
 - b. relative dimensions in inches at arm's length (about 20 inches from the eyes) 1/4" DIA AT 20 INCHES
15. What were the bearing and elevation angles at nearest approach and how were these values assessed? AS AT 9-B+C
16. Was any method of propulsion obvious? No
17. Describe any sound heard, including changes in pitch and intensity NO SOUND DUE TO CAR
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)? COULD HAVE BEEN 2 MILES OR 20. BRIGHTNESS NULLIFIED ACCURATE ASSESS.
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 STATIONARY. NOT FAMILIAR WITH ANY PREVIOUSLY OBSERVED OBJECTS
20. Give duration of any stationary phases STATIONARY AT ALL TIME OF OBSERVATION
21. Describe any deviations or manoeuvres JUST DISAPPEARED
22. Describe any trail of exhaust, vapour or light seen NONE
23. Where was object last observed :
 - a. relative to your surroundings AS 9 B+C
 - b. angle of elevation "
 - c. compass angle bearing "
24. What was the manner of its disappearance? LIGHT JUST WENT OUT LEAVING NO SILHOUETTE
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 EXPERIENCE IN ORNITHOLOGY PLUS INTEREST IN AIRCRAFT OBSERVATION, 3 YEARS IN ROYAL AIR FORCE
27. How many witness to the sighting? TWO, PASSENGER IN CAR ANY MYSELF.

NO, BUT 18 MONTHS
AGO SAW SIMILAR
PHENOMENA OVER
DOWNEY BROOK HILL
BUT DIDNT BOTHER
TO REPORT.

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?.....TULAREME RAISING MAGNESIUM FUME?
30. What are your main reasons for excluding this explanation?.....VISIBILITY WAS EXCELLENT IN SPITE OF OVERCAST CONDITIONS.
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.....

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..... TT..... (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. VH8PE Cessna 402 (1) F27/FNS (2) 727/RMD (3)
in Yarrabee in Mildura in Adelaide
 Heading. West.....T.....T.....T
 Height. des in 5,000 ft in 7,000 ft in 8,000 ft
 Speed. 120 approx K. abt 130 K. abt 160 K
 ATD/ATA* 0817.....hrs. 0831.....hrs. 0822.....hrs

* Give location of nearest ATD or ATA

34. Observer's Location: Latitude 37.39S Longitude 145.01E

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

.....

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

at 0900 K.....Colour.....Weight.....gm

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

General wind profile.....

Maximum height tracked.....00 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of
6° at 5,500 ft measured at 0900K hrs from TULLA
station.

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

Nil

Temp Dry 9° Wet 7° Dew Point 5° RH 80%

Cloud 7/8 StCu base abt 5,000'

Wind calm surface

Bar MSL 1025.5 mbs

/39. When an

A!!
 using 27 @
 TULLA

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~~
727/RMD letting down into Tullamarine,
(almost due west of observers position)
using Runway 27. Would have been
heading towards Epping beacon.
Observer was not far from beacon &
the initial sighting report of 20 (not 30)
seconds duration would have given
almost stationary sighting. Weather
was overcast with some rain in area.
Altho not a DCA reg, it is a growing
practice for Ansett & TAA to use landing
lights on daytime approach.

HQSCU

(Unit)

25 JUL 73

(Date)

R.O. Gibbs

(Name of Investigating Officer)

Flg. Off.

(Rank)

** Delete as necessary

5 JUL 73

© 2030

SIGHTING # H

KILLARNEY VANE MRS A J REYNOLDS
NSW

580/1/1 Pt25 (4a)

Mrs A.J. Reynolds,
18 Guthbert Street,
KILLARNEY VALE NSW 2262

13 JUL 1973

Dear Mrs Reynolds,

With reference to your report of an unusual aerial sighting on 16th May 1973, it has been determined that the cause was probably QANTAS aircraft (QF 764) from Bangkok en route to Sydney.

Enquiries at Mascot airport have revealed that QF 764 landed at 6.03 am on the day of the sighting. At 5.45 am the aircraft would have been visible about 30 miles west of you at an altitude of approximately 18000 feet. This would place the aircraft at about a 30° angle of elevation when viewed from your position. The early morning sun reflecting from the metallic surfaces of the aircraft would be discoloured due to two temperature inversions being recorded at 1600 feet and 11000 feet, thus accounting for the gold/red colour described. The rate of descent of the aircraft at this particular period would cause a change in the reflective angle and as the aircraft no longer continued to reflect the sunlight it would give the impression of 'fading from view'.

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

Yours faithfully,

G J Odgers

(G.J. ODGERS)

Director of Public Relations

*1
5/1/73
JMS
12/1/73*

*NOA
Sent by DPA
11.7.73
Q*

FROM DEPAIR	FILE 5801/1/P.25(45)	DATE 16 Jul 73	REFERENCES HOWM 5/p/IR(57) OF 28 Jun 73
TO HOWM			
ATTENTION FIO			
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

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

5

Enclosure: Copy of letter to Mrs A. J. Reynolds.

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



ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: Newcastle 65-1221

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

28th June 1973

IN REPLY QUOTE 5/2/Air(57)

Secretary
Department of Air
Russell Offices
CANBERRA ACT 2600

DAFI

For Information:

Headquarters Operational Command (Attn: CC Intell O)

REPORT ON UNUSUAL AERIAL SIGHTING

1. Attached is a report on an unusual aerial sighting observed by Mrs Alma Joyce Reynolds of Killarney Vale, NSW, and also a covering letter from Mr H. Griesberg, explaining the use of the UFO Report Form rather than the standard RAAF Part I.

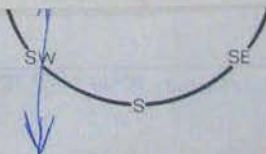
2. The sighting, which lasted over the period 0545-0550 hours local on 16th May 1973 was in the form of a gold/red oval object, 'the size of a bread and butter plate' travelling from north to south at an elevation of some 30°. The object finally faded from view, apparently, as the sun rose.

3. No military or civil aircraft were active at the time of the sighting. Jupiter was almost overhead, and can be disregarded for the purposes of this report. At 0500 hours local, a full moon was just declining beneath the western horizon and had completely set by 0605 hours approximately. Three temperature inversions were recorded:

- a. from 0-1600 feet - 3°C
- b. from 10500-11000 feet - 1°C
- c. from 31000-32000 feet - 1°C

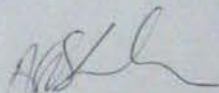
Weather at 0600 hours was: Winds north westerly at 10 knots, visibility 20 nautical miles, $\frac{1}{8}$ cumulus base at 3000 feet, temperature 7°C, dew point 3°C. One satellite, Cosmos 44 No 1964/053A had optimum viewing timed for 052950 local with Azimuth 239, elevation 43 and heading 151. A 15 minute time span from optimum viewing of the satellite to the sighting of the object is becoming extreme, although bearing, elevation and heading do fit the sighting well.

/4. A suggested



4. A suggested solution to the sighting is that the object sighted was in fact Cosmos 44, distorted by the various temperature inversions, with a possible reflection of the moon, also caused by the temperature inversions, giving rise to the "bread and butter plate" description.

5. Forwarded for your further investigation.



(A.F. BLACKBURN)
Flight Lieutenant
for Officer Commanding





FOLIO No.	
FILE No.	8/2
PRE. REF.	54/ REF.

P.O. Box 546
Geosford N.S.W. 2250.

June 24, 1973.

P.L. Frank Blackburn,
Intelligence Officer
RAAF
Base Williamtown 2301.

Dear Frank.

Enclosed please find one of our own UFO report forms, filled in by myself, of an ufo sighting over Killarney Vale. We did not learn about this sighting till a few days ago, and were unable to get the Witness to complete one of your forms. However, she said that we may forward our own report form to the RAAF. I realise that it is 5 weeks ago, but this was not of our fault, and I hope that you can still do something about it.

Yours faithfully,

Harry Griesberg
Harry Griesberg,
Secretary.

P.S. Hope that you are feeling better than when I spoke to you on the phone recently.

P.O. Box 546
GOSFORD

File #: K002
Conclusion:

U.F.O. REPORT FORM

U.F.O.

This form has been designed to assist us in the interpretation of the phenomena observed by yourself. Your assistance in completing and returning it would be appreciated.

Name: Ms ALMA-TOYCE-REYNOLDS Address: 18 CUTHBERT ST.
KILLARNEY VALE N.S.W. Age: 55

1. What was your exact position and location? FRONT OF HOUSE
2. When did you first see the object(s)? Date: 16-5-73 Time: 5:45 am/
3. For how long could you see the object(s)? 5 MINUTES
4. How did you establish the time and duration? LOOKED AT SONS WATCH
5. What attracted your attention? UNUSUAL LIGHT IN SKY (SUN)
6. In what direction was the object(s) first seen? NORTH
At what angle to the horizon? ABOUT 30°
7. In what direction was it last seen? SOUTH
At what angle to the horizon? ABOUT 30°
8. How did the object(s) disappear from view? FADED FROM SIGHT
9. Describe the object's motion, from the moment it appeared to the moment it was lost to view. Please refer to any changes in direction.
TRAVELLED IN DIRECT LINE FROM NORTH TO SOUTH

10. Describe the object(s) in your own words, refer to colour, shape, number of objects and features. Compare size to full moon, star etc. Use reverse side for sketch SIZE OF BREAD & BUTTER PLATE - GOLD + CHANGED TO RED. HAD A TWINKLING EFFECT - DUAL - ONE OBJECT - NO OTHER FEATURES OBSERVED

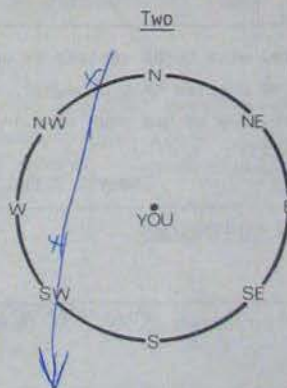
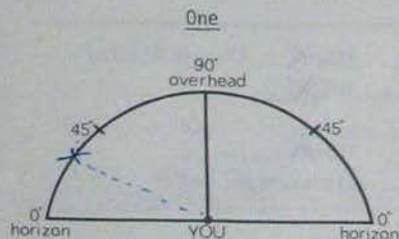
11. Was any smoke, noise, trail, odour or other sensation noted? NO

12. Did the object(s) at any time pass in front of, or behind, a cloud, tree, or other body? If so, describe NO

13. Describe the local weather conditions at the time, referring to cloud type and cover, wind, haze, visibility, whether dark etc. Describe position and appearance of sun, moon, stars etc. HALF LIGHT SUN BEGINNING TO RISE

14. Have you any photographs or material concerning the object(s)? NO
Did anyone else see this? SON + HUSBAND

15. On the diagrams below, please mark with an "A" the first position of the object(s) and with a "B" the last position. On diag. 2, draw its apparent path as seen by you.



Any additional comments you wish to make: NIL.

Sketch of object(s):



GOLD - CHANGED TO RED
WHEN FADING FROM SIGHT.

- a. Country reports: Could you please describe exactly what happened in your own words.
- b. Metropolitan reports: Office use only. Interviewer's comments.

Son saw object first, and alerted Mother + Father.

Co-ordinator's comments:

1. Do you wish to be advised of our findings? YES ☒ (PLEASE DELETE)
2. May we publish this account? YES ☒
3. If so, may we use your name in connection with it? YES ☒

Today's date: Signature: (SIGNED BY)
WITNESS

Suggested explanation:

Copies distributed: WILLIAMTOWN

Signed: D. GWEN
Seen: Mary Jane Perry
SEC.

RESTRICTED

-2-

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.....Longitude.....
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, centrally overhead. Moon setting.*
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 *P*.....°C at *0-1600*.....ft, measured at *2300*.....Z hrs from *WILLIAMSTOWN METEOROLOGICAL* station, *and reading adjusted for 2000Z hours to read 3°C*
38. Any remarks on satellites, rockets, research balloons, ~~comets~~, meteorites etc relevant to the sighting. *cosmos 44 possibly visible*
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 not~~ may have been* (delete as required). *cosmos 44 at about 38 above, with possible moon reflection incorporated.*

.....*H.B.W.L.M.*.....(Unit).....*A.F. BLACKBURN*.....(Name)
*284 June 1973*.....(Date).....*FLT LT*.....(Rank)

5 JUL 73
SIGHTING # 3

D-20341

MELBOURNE
VIC

R. C. CANE

FROM DEPAIR	FILE 5801/1.P.25(35)	DATE 19 JUL 73	REFERENCES HOSC 5/61/AIR(20) OF 2 JUL 73
TO HOSC ATTENTION CINTEHNO			
SUBJECT REPORTS OF UNUSUAL AERIAL SIGHTINGS			

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

Enclosure: Copy of letter to Mr R.C. Cane.

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

580/1/1 Pt25 (3a)

10 JUL 1973

Mr R.C. Cane,
97 Newry Street,
NORTH CARLTON VIC 3054

Dear Sir,

With reference to your report of an unusual aerial sighting on 20th June 1973, the opinion of the investigating team is that the cause was a light aircraft.

Normally logical explanations are available for sightings, and from your description of the occurrence the following aspects are pertinent to the theory:

- a. duration of observation - approximately ten minutes;
- b. paralleling of your aircraft's track by the object;
- c. the right angle turn to the east by the object; and
- d. the apparent speed and altitude of the object..

When these aspects were related to the DCA Melbourne Terminal Enroute Chart, the most likely situation was that a light aircraft, operating below controlled airspace, tracked to the eastern coastline of Port Phillip via the light aircraft corridor separating Melbourne CTR and Laverton CTR. It followed the coastline on a heading of 150° M, thus paralleling your track for approximately eight miles, then turned 90° left to approach Moorabin airfield. The orange colour of the object could feasibly have been reflection of the rising sun as seen through an atmosphere which had a relative humidity of 87%.

We regret that the theory cannot be categorically confirmed,
as:

- a. Melbourne terminal radar often has difficulty in acquiring light aircraft flying at low altitudes in this particular area at speeds of between 130 knots and 150 knots, and in this case no record of an image was recorded; and

/b. Moorabin

Noted by JCR
19.7.73
D

- b. Moorabin tower operators do not start work before 0700K, although aircraft often operate at that field before that time under visual flight rules.

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

Yours faithfully,

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

*Spam
DAN
17 June 73*

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE

5/6/1/Air (20)

FROM

HQSC

DATE

2 JUL 73

TO

DAFI DEPATR

ATTENTION

DAFI IR-2

REFERENCES

580-1-1 DAFI
3-7-73

SUBJECT

UNUSUAL AERIAL SIGHTINGS

Enclosed is an unusual aerial sighting report from Captain R.C. CANE of 97 NEWRY ST NTH CARLTON.



SIGNATURE

Gibbs

PRINTED NAME

R.O. GIBBS

RANK AND APPOINTMENT

Flg Off INT 1

PHONE EXTN

7410

C.D.O. 9777

10. What first attracted observer's attention?.....*1. 2. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20.*
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?.....*ORANGE*

~~RESTRICTED~~

338 22/1

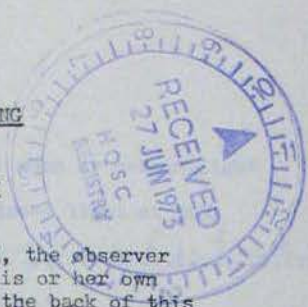
*x 5/6/1/Air
Cane*

~~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... ROBERT CALIVE CANE Age... 36
2. Address of observer... 97 NEWRY STREET
NORTH CARLTON Phone... 3471531
3. Occupation of observer... PILOT
4. Date and time of start of observation... 1920.50Z JUNE 73
How certain is the date?... AS ABOVE
How accurate is the time of start?... VERY ACCURATE
5. Duration of observation... 10 MINS
How accurate is your estimate?... 7-10 MINS
6. Observer's location at time of sighting... TRACKING
MELBOURNE AIRPORT TO COWES DIRECT 150°M.
How familiar is observer with this locality?... VERY
7. Weather conditions at time of observation... CLOUD COVERAGE
AT 14000', OTHERWISE CLEAR
8. Describe any aids/equipment used in the observation...
COMPLETELY VISUAL
9. Where was object first observed? :
 - a. Relative to your surroundings... THROUGH PORT
WIN. BAY
 - b. angle of elevation... BELOW AIRCRAFT ALTITUDE 5-6000'
 - c. compass angle bearing... DIRECTLY ABOARD
 - d. how accurate are these estimates?... ACCURATE
10. What first attracted observer's attention?... PASSENGER
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?... ORANGE

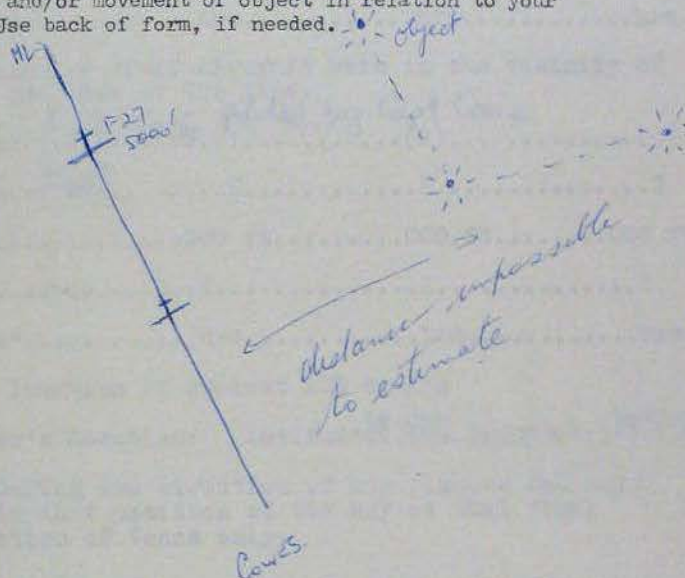
~~RESTRICTED~~

3382211

X 5/6/11/11
Chaito

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 an oil burn off at a refinery from perhaps 3 miles*
14. What was the apparent size at nearest approach?:
- relative to Venus or Moon. *Appeared slightly larger than Venus.*
 - relative dimensions in inches at arm's length (about 20 inches from the eyes). *This was not estimated, probably 1/2" - but the distance at sunrise was not possible to estimate*
15. What were the bearing and elevation angles at nearest approach and how were these values assessed? *The object paralleled track for some 10 miles then appeared to move at right angles*
16. Was any method of propulsion obvious? *method - 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)? *The object was noticed at 5000' & was below our aircraft.*
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. *The object very closely maintained our speed 155 kts (IAS) for some 10 miles before*
20. Give duration of any stationary phases. *After the above the object was either stationary or moving away from us*
21. Describe any deviations or manoeuvres. *As above*
22. Describe any trail of exhaust, vapour or light seen. *Nil as conditions not conducive*
23. Where was object last observed:
- relative to your surroundings. *25 miles from OLB prior to entering cloud*
 - angle of elevation. *Below the aircraft*
 - compass angle bearing. *Almost abeam to Port*
24. What was the manner of its disappearance? *We entered cloud*
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.
27. How many witness to the sighting? *2 passengers 2 pilots 1 crew hostess*

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?.....*As mentioned in oil drum off but the object definitely moved with low aircraft!*.....
30. What are your main reasons for excluding this explanation?.....*The object did not remain stationary*.....
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.....

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..... TT..... (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.....F27 FNO piloted by Capt Cane.....(1).....(2).....(3)
 Heading.....150°.....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 38.32S Longitude 145.13E

35. Give bearing and elevation of any planets and major stars that were in that position 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** : Candle ** battery **
 (Delete as required)
 General wind profile.....North @ 1 knot.....
 Maximum height tracked.....00 ft at.....Z
 Was it known to have burst?

37. The first significant temperature inversion was of
Nil at.....ft measured at.....Z hrs from.....
station.

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

Temp dry 11°
 Dewpt 9°

RH 87%

Cloud p/cast base abt 11,500ft to 18,000
 Wind calm at 1 knot
 Bar 1022.5 mb

/39. When an

351°

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

..... When reported by RAAF controller TULLA, radar
..... had not located any ~~other~~ ^{other} trace near VH-FND

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

41. The object reported ~~probably was~~ ** / may have been

..... A reflection from VH-FND finally
..... affected by approaching sunrise

485CU

(Unit)

2 JUL 73

(Date)

R. O. Gibbs

(Name of Investigating Officer)

Flt Off

(Rank)

** Delete as necessary

26 JUN 73

D 2030

SIGHTING #2

PORT McQUARIE
NSW

B. AMERN

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE

5/6/1/Air (9)

FROM

HQSC

DATE

22 JUN 73

TO

~~DEPAIR~~

ATTENTION

DAFI IR-2

REFERENCES

Telecon Sqd Ldr
Egle / Flg Off Gibbs
22 JUN 73

SUBJECT

UNUSUAL AERIAL SIGHTING REPORT

Attached is an unusual aerial sighting report from Mr B. AHERN, 18 Warncliffe Rd. EAST IVANHOE.



No reply necessary for this report.
For info only.
2/7/73

SIGNATURE

R.O. Gibbs

PRINTED NAME

R.O. GIBBS

RANK AND APPOINTMENT

Flg Off INT 1

PHONE EXTN

7410

C.O.O. 9777

Philosophical Society of Victoria

Box 10591, G.P.O.,
MELBOURNE

Sic itur ad astra

20th June, 1973.

The Officer-in-Charge,
HQ Support Command (Attn: SINTO),
RAAF,
Victoria Barracks,
St. Kilda Road,
MELBOURNE, 3004.



Dear Sir,

UFO PHENOMENA

In the thought that you may care to include them in your records, I enclose a report from one of our members together with my reply thereto (photocopies in each instance).

These documents are self-explanatory and there is nothing further to add other than that Mr. Ahern is a most reliable person and very methodical in reporting astronomical observations and hence his report would be quite accurate and not exaggerated in any way.

Yours faithfully,

J.B. Trainor
(J.B. Trainor) - DIRECTOR
CURRENT PHENOMENA SECTION

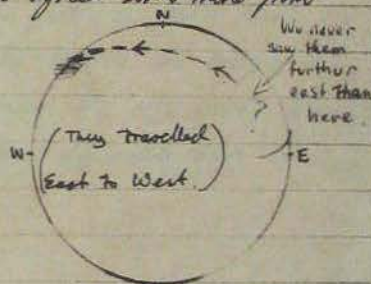
X 5/6/1/10
C. Ahern

18 Woodcliffe Road,
East Loonhoe, 5079.

Victoria

June 1, 1973

real "satellite" phenomena seen on
last night I saw these objects was
to Port Macquarie Astronomical
sightings I took no record of
objects - therefore no one really
3-4th magnitude, and therefore
was to pick out amongst the
father, mother and younger
siblings whilst I was busy
arrangements agreed with mine from
ely as



that I am looking at a Star-chart, I notice they followed a similar path to the ecliptic, however, several degrees further north.

On the first sighting there were three "satellites" in a (line) configuration. On the second sighting there were four (or more), on the third there were three (or more). (I have only just remembered that on what I think was the third sighting, an old woman old fisher-woman said something to

18 Woodliffe Road,
East Scotchhoe, 3079.

Victoria.

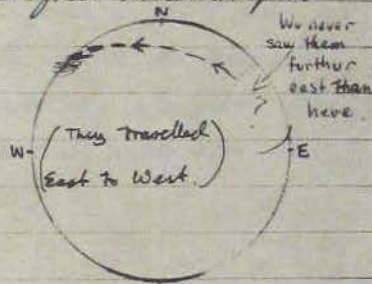
June 1. 1973

Dear Mr. Truitt,

I am writing concerning an unusual "satellite" phenomena seen on various dates during May at Port Macquarie. The first night I saw these objects was most likely to be Wednesday, May 16, after a visit to Port Macquarie Astronomical Society's observatory. On this and the following two sightings I took no record of the time nor date, as no one else had seen the objects - therefore no one really believed they were there. They would have been of 3-4th magnitude, and therefore would possibly ^{be} hard for someone not knowing the heavens to pick out amongst the brighter stars. Only on the fourth sighting did my father, mother and younger brother see the objects also. My father took the bearings whilst I was busy trying to make the others see and believe. His measurements agreed with mine from other 2 nights. They followed a path approximately as traced at right:-

They were always first noticed at about $15-20^\circ$ above the horizon, and gradually lost elevation as they approached the horizon near Pollux and Castor. Now that I am looking at a Star-chart, I notice they followed a similar path to the ecliptic, however, several degrees further north.

On the first sighting there were three "satellites" in a (---) configuration. On the second sighting there were four (or more), on the third there were three (or more). (I have only just remembered that on what I think was the third sighting, an ~~old~~ ~~woman~~ old fisher-~~man~~ said something to



me to the following effect - "They're nothing much, why, I've seen them on a couple of nights.") Every time I saw the "satellites" I was on the sea wall either watching the fishermen, or fishing, myself.

If I remember correctly, the time was around seven on some sightings, and around nine on others; - however I may not be accurate here. The phenomena were always first sighted above Boister, and although I told you the time of 30 seconds or more, I tested this and find that I was quite wrong. (If I move my hand in a similar arc in front of me at the correct speed, it takes about 5-10 seconds to trace the path + speed out). I am sorry I was ~~a little~~ misleading over this, but when watching such a sight, the time seems much longer!

I thought that I should add that on one night we saw one bright and one faint meteor pass in much the same path as these "satellites". The bright one left a magnificent ^{glowing} trail which would have been inclined about 10° to the path of the objects.

I am sure that I can guarantee that the path given is fairly near exact, and also the numbers of "satellites". I also believe the amended time is fairly accurate. Beyond these I cannot guarantee any other fact, other than that four of us, (and perhaps the old fisher-woman) definitely saw them on one night.

Yours Faithfully,
Brian Thom

17th June, 1973

Mr. Brian Ahern,
18 Warncliffe Road,
EAST IVANHOE, 3079.

Dear Brian,

Thank you for your very detailed letter of 1st June in which you described the sightings you made whilst on holidays at Port Macquarie.

I read the letter through very carefully and was able to follow quite clearly all the various points you raised. Congratulations on such a well-prepared report.

The thing that causes me the greatest difficulty in attempting to reconcile the sightings with artificial satellites is the fact of their east-to-west motion. You will appreciate that, to my knowledge at least, all launchings are made in the same direction as the earth's rotation in the interests of minimising the amount of thrust required. Some satellites are inserted into polar orbit as you know, but I am not aware of any which travel retrograde, i.e. with orbital inclination of greater than 90° to the equator.

You will also agree that a conservative and objective approach is required in attempting to interpret sightings such as yours. By this, I do not in any way infer that your sightings are doubtful. Rather, I consider that the most scientific approach is first to look for natural explanations before going on to conclude that the objects were perhaps extraterrestrial in origin. The great majority of so-called flying saucers turn out to be quite natural phenomena such as meteorological balloons, meteors, bright planets, cloud effects, etc.. The first thing that comes to mind in this instance is birds. These would explain the varying number from night to night, the speed, direction. From my own back yard here in Melbourne I have often seen a faint object moving steadily at a fair speed. Inspection with binoculars reveals it as a bird, made visible by reflection of night lighting.

In any case, I have forwarded a photocopy of your letter to the appropriate authorities at the RAAF for information.

Yours sincerely,

J

28 Omar Street,
SOUTH CAULFIELD, 3162.

J.B. Trainor - DIRECTOR
CURRENT PHENOMENA SECTION

27 JUN 73

© 2030

SIGHTING # 1

SASSAFRAS
VIC

MRS D. M. COOPER

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE

5/6/11/Air (10)

FROM

HQSC

DATE

25 JUN 73

TO

ATTENTION

DAFI IR-2

REFERENCES

Our 5/6/11/Air (74)

7 JUN 73

DAFI 7-6-73

SUBJECT

UNUSUAL AERIAL OBJECT REPORT

580-1-1

1. Attached is an unusual aerial sighting report from Mrs D.M. Cooper 'Sarnia Rose' Main Rd SASSAFRAS.

2. The object was the same Victorian Police car reported by Mr G. McLennan in Reference A.

NOA

No reply necessary for this sighting as the investigating officer was able to convince Mrs Cooper that the sighting had in actual fact been a police car.

(K.S. P. HUSH)
Flt Off
IR-3

29 JUN 73



SIGNATURE

Gibbs

PRINTED NAME

R.O. Gibbs

RANK AND APPOINTMENT

Flt Off INT 1

PHONE EXTN

7410

C.O.O. 9777

10. What first attracted observer's attention? SOUNDING NOISE GETTING CLOSER
11. If there was more than one light/object :
 - a. how many were there? ONE
 - b. in what formation were they?
12. What was the colour of the light or object? BLuish WHITE

RESTRICTED

REPORT ON UNUSUAL AERIAL SIGHTING

(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.)

- RESTRICTED

RESTRICTED

-2-

13. What was the brightness? (compare with full moon or common light source at a stated distance, eg ordinary street light at 100 yards).....
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).....
15. What were the bearing and elevation angles at nearest approach and how were these values assessed?.....
16. Was any method of propulsion obvious?.....
17. Describe any sound heard, including changes in pitch and intensity.....
18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?.....
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
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.....
 - 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).....
26. State any training which enables observer to be reasonably certain of his/her ability to estimate angles and angular velocity.....
27. How many witness to the sighting?.....

RESTRICTED

RESTRICTED

-3-

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?.....DO NOT KNOW.....
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.....J M Cooper.....

Date.....24/5/73.....

RESTRICTED

Part 2 - Unit Evaluation

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

A/C type. N/A:.....(1).....(2).....(3)
 Heading..... TT..... (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. N/A:.....(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 position 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** : Candle ** battery **
 (Delete as required)

General wind profile.....

Maximum height tracked.....00 ft at.....Z

Was it known to have burst?

37. The first significant temperature inversion was of

....at.....ft measured at.....Z hrs from.....

.....station.

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

.....

/39. When an

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~~

.....
The same Victorian Police vehicle
.....
reported by Mr G. McLennan (H&SC 5/6/1/A, 11/74)
.....
7 JUN 73).

The scene was recorded and played to
Mrs Cooper. ~~she~~ Mrs Cooper is quite happy
that her UFO was a police car.

H.Q.S.C.U

.....
(Unit)

25 JUN 73

.....
(Date)

R.O. Gibbs

.....
(Name of Investigating Officer)

Flg Off

.....
(Rank)

*** Delete as necessary

REGISTRY CLASSIFICATION PARTICULARS

CLASSIFIER

- 1 ~~Original/Copy~~
- 2 ~~Duplicate Copy made~~
- 3 Date opened

9 JUL 1973

REGISTRATION

CONFIDENTIAL

- 1 Security Classification
- 2 Title REPORTS ON FLYING SAUCERS AND
OTHER AERIAL OBJECTS.
- 3 Registration Number 580-1-1 PT 25 (new part)
- 4 Mark to DAFI
- 5 Cancel File No _____ vide this File and inform
Movements Section of cancellation and new File No
- 6 Close File No PT 24
- 7 Cross Reference this File with File(s) PT 1-24

SUBJECT INDEX

Posting _____ Precs _____

NAME INDEX

- 1 Heading _____ Precs _____
- 2 Alter File No on Logging Card for _____
- Letter dated _____ Reference No _____