AR 158
Revised Oct 80

DEPARTMENT OF DEFENCE

FILE No: OLD AIR | 580 | 1 | 1

Part No: 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.

Folio	Referred to	Date Referred	Actioned by (Inits)
	P.A. 73	9.8.84	✓

Folio	Referred to	Date Referred	Actioned by (Inits)

ARCHIVAL ACTION

FILE No: OLD AIR | 580 | 1 | 1

Part No: 25

Stock No 7530-66-093-3093

SUMMARY OF SIGHTINGS

NO	PLACE/DATE	PERSON	RECEIPT	REPLY	REMARKS
1	SASSAFRAS VIC 19 MAY	MRS D.M. COOPER	27 JUN	N/R	NO REPLY. HOSE INFORMED MRS COOPER THAT OBJECT WAS VICTORIA POLICE CAR.
2	PORT MACQUARIE MAY 73	B. AHERN	26 JUN 73	N/R	NO REPLY. REPORT SENT FOR INFO ONLY
3	MELBOURNE 20 JUN	R.C. CANE	5 JUL	12 JUL	LIGHT AIRCRAFT
4	KILLARNEY VALE NSW 16 MAY	MRS A.J. REYNOLDS	5 JUL	13 JUL 73	QF 764 AIRCRAFT BAN-SY
	ELTHAM VIC 22 JUN	D.V. THOMPSON	5 JUL	13 JUL 73	AIRCRAFT APPROACHING TULLAMARINE
6a	GATESHEAD NSW	R.M. JESSOP	2 JUL	12 JUL 73	CESSNA 402 (STROBE LIGHT)
6b	12 MAY	W.A. SNEDDON			
6c	BELMONT NTH 12 MAY	C. PERRIN			
6d	KOOLEWONG 12 MAY	MR & MRS C.J. NAUGIN			
7a	KENWICK WA MIDNIGHT 28/29 APR	J. CUNNINGHAM	16 JUL 73	13 JUL 73	SPACE DEBRIS. 1973-024B BOOSTER ROCKET FOR COSMOS 555 (1973-024A)
7b	PORT HEDLAND WA 29 APR	E.G. GALLEJA			
7c	BELKA WA 29 APR	P. DOLTON			
7d	KESMURDIE WA 29 APR	L.E. LAWNILL			
7e	DERBY WA 29 APR	MARLENE LEDGER			
7f	KALGOORLIE WA 29 APR	R.S. WARREN			
7g	TOM PRICE WA 28 APR	R. SKIDMORE			
7h	DAMPIER WA 29 APR	J.D. HOLDEN			
7i	YALGOO WA 29 APR	A.D. CHISHOLM			
7j	KAMBALDA 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.

(G.A. PERSKE)
GPCAPT
DAFIS

7 May 82

29 APR 73

D 2030

SIGHTING # 7a - 7l

KENWICK	J. CUNNINGHAM
PT HEDLAND	E.G. CALLEJA
BELKA	P. DOLTON
LESMURDIE	L.E. LAWNILL
DERBY	MARGARET LEDGER
KALGOORLIE	R.S. WARREN
TOM PRICE	R. SKIDMORE
DAMPIER	J.D. HOLDEN
YALGOO	A.D. CHISHOLM
KAMBALDA WEST	E.D. WROTH
DOWERIN	E.W. GUNNOTH
NEWMAN	P.A. GRANT

WA

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1/P 25(7M)	16 JUN 73	

ATTENTION

TO HQPEA — FLG OFF R.R.J. PYERS

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	NAME	RANK	APPOINTMENT	PHONE NO
M Cretton	M. CRETTON	FLGOFF	IR.2	2408

13 JUL 1973

580/1/1 Pt25 (7a)

Mr J. Cunningham,
13 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 171.3°, 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

13 JUL 1973

580/1/1 Pt25 (7b)

Mr E.G. 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

Sgt Ldr
DAFIRO
12 Jul 73

NOA
Desp by DM
13.7.73

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

13 JUL 1973

580/1/1 Pt25 (7d)

Mr L.E. Lawwill,
21 Vernallen 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

(G.J. ODGERS)
Director of Public Relations

typed DPR 12 Jul 73

Dep by DPR 13/7/73

13 JUL 1973

580/1/1 Pt25 (7e)

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

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,

G J Odgers

(G.J. ODGERS)
Director of Public Relations

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

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 81.3° 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

580/1/1 Pt25 (7i)

13 JUL 1973

Mr A.D. Chisholm,
Boolardy 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 Mayland, 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

13 JUL 1973

580/1/1 Pt25 (7j)

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

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

(G.J. ODGERS)
Director of Public Relations

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

Sgt Lds
Safiro
12 Jul 73

Dept, DPR
13 7 73

1973 - 024B associated launch equipment for -024A (Cosmos 555) launched 16th April 1973 delayed 16-37Z ± 36 minutes.

-024B. 88.9 mins.
inclination 81.3° hdg 177.3
apogee 231 km
perigee 209 km

40-50 metres in length

'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

T1600

FROM HARKIN SATCEN 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 32 DEGS, LONGITUDE 122 DEGS

BT

JOINT COMCEN CANBERRA JUL 6 04 05Z 73

Daff

Rec'd 6 Jul 73 1640 Z

13°

Should be 27 1600 Z / 281600Z

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE: 5/6/1/Air (18)

DATE: 29 JUN 73

FROM: HQSC

TO: ~~DEPAIR~~ ATTENTION: DAFI 1R2

DAFI

REFERENCES: 580-1-1 DAFI 3-7-73

SUBJECT: UNUSUAL AERIAL SIGHTING REPORTS

1. Attached are reports on an unusual aerial phenomena seen in Western Australia on 29APR73.

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

3. Page 29, The Bulletin 12MAY73 contained an unusual UFO story that may be of interest.

RECEIVED
-5 JUL 1973
DAFI

SIGNATURE	PRINTED NAME	RANK AND APPOINTMENT	PHONE EXTN
Gibbs	R.O. GIBBS	Flg Off INT1	7410

C.O.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 satelite 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.

(R.R.J. PYERS)
Flying Officer
UFO Officer

22 Jun 73

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 ifre on the north-east horizon about five degress 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. Citty, 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-engined 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.

ANNEX E

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) approx. midnight.
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.....parrell.....
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
a. How many were there? or at the front and trailing behind were an untold number. Like a sky rocket as it is taking off.
b. in what formation were they?..No formation.....

/ 12. What was

12. What was the colour of the light or object? The light at the front was a white yellow colour, and the lights trailing were bright white and green.

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?

a. relative to ~~Venus or~~ Moon.. Similar size to a Morris Mini Minor.....

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?

The light object moved parrell 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 explosions.....

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 li 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 parrellel 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 drov 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

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 racket 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 [signature] FC 4129.

Date 12th June 1973.

6.

ANNEX B

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 Emmott Age 34

2. Address of Observer Moonijin Via Dowerin 6461 Phone Number Ejanding 517

3. Occupation of Observer Farmer

4. Dat & 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 Dongan Hills

How familiar is observer with this locality? Live in area

7. Weather conditions at time of observation No cloud No Moon in sky. Calm cold night

8. Describe any aids/equipment used in the observation drawing 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 West

d. How accurate are these estimates? Correct

10. What first attracted observer's attention? Bright moon shaped object. 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 and disappear

b. in what formation were they? following approx 20 mile apart

/ 12. What was

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 size 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 Ten pm as angled 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 mins. M. was out of sight

20. Give duration of any stationary phases None

21. Describe any deviations or manoeuvres Veered South East.

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

23. Where was object last observed? :
a. relative to your surroundings 90°
b. angle of elevation 30°
c. compass angle bearing East

24. What was the manner of its disappearance? 3 definite real objects appear 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

/ 26, State any

26. 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.

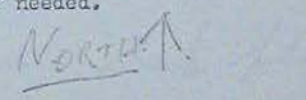
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?

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 [illegible] 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.

ANNEX E

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 47 PATOSFORUM ST KAMBALDA WEST GOLD Phone Number

3. Occupation of Observer DIAMOND DRILLER

4. Dat & Time of Start of Observation 12:08 29/4/73
How certain is the date? POSITIVE
How accurate is the time of start? ± 90 SEC

5. Duration of Observation 45 to 50 SEC
How accurate is your estimate? 80 %

6. Observer's location at time of sighting 1 MILE NTH WOOLWORTH STR ON KAMBALDA/WOLDER RD - LEVEL WAS ABANDONED HOPE MINE
How familiar is observer with this locality? VERY

7. Weather conditions at time of observation VERY LIGHT CLOUD TO N.W. OF SELF AT TIME OF SIGHTING STARS VISIBLE BEHIND OBJECT

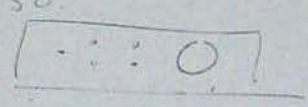
8. Describe any aids/equipment used in the observation
NONE

9. Where was object first observed?:
a. Relative to your surroundings 5°-7° EAST of NORTH A LITTLE TO RIGHT AS ROUNDING GRADUAL CURVE
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 - LATER ONLY 5 SMALL
b. in what formation were they? LARGE ONE LEADING OTHERS IN HAPHAZARD FORMATION WHEN ONLY 5 SMALL OBJECTS APPERED AS SO.

/ 12. What was



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 yards)
KEROSINE SOAKED 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 ARMS LENGTH

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
APPEARED TO MOVE AT ~~RIGHT ANGLES~~ PARRALEL 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)?
45° 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. SINGLE ENGINED PLANE TAKING OFF WHEN VIEWED FROM ½ MILE

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.
WHOLE OBJECT SIMILAR TO FILMS SEEN AT SCHOOL OF HAYLEYS COMET

23. Where was object last observed? :
a. relative to your surroundings
b. angle of elevation 45°
c. compass angle bearing 45° - 50° EAST of NORTH

24. What was the manner of its disappearance? FLAME FADED OUT TO BE A LARGE WHITE HOOP 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

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 MARK 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?

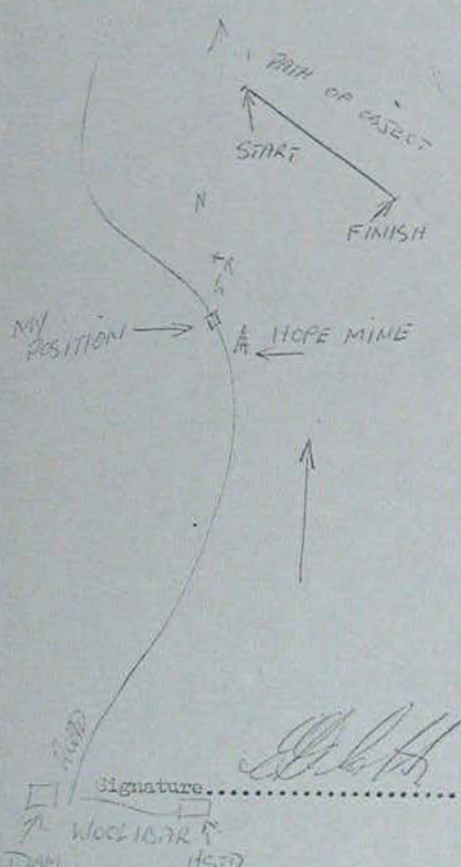
HAYLEYS COMET WITH FRAGMENTS FALLING OF AND BURNING OUT.

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 WHERE ABOUT AS BRIGHT AS THE THIN LINE WHICH CAN BEEN SEEN OCCASIONALLY OUTLINING THE MOON IN ITS QUARTER PHASES



Signature [signature] Date 20 5 73

11

ANNEX E

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 Boo Lardy Station via Yalgoo WA Phone Number Murgoo 3

3. Occupation of Observer Kangaroo Shooter.

4. Dat & 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 1½ to 2 minutes

How accurate is your estimate?

6. Observer's location at time of sighting 1 mile south west of Cooloowilya Well on Boolardy Station

How familiar is observer with this locality? Pretty familiar

7. Weather conditions at time of observation No wind No clouds

8. Describe any aids/equipment used in the observation Telescopic Sights on Rifle

9. Where was object first observed?:

a. Relative to your surroundings Just ~~above~~ above some scrub

b. Angle of elevation 20 degree

c. Compass angle bearing 20 degree from horizon

d. How accurate are these estimates? Fairly accurate

10. What first attracted observer's attention? A 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? ones following

/ 12. What was

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 1/32 of the moon.
b. relative dimensions in inches at arm's length (About 20 inches from eyes) 1/2 an inch

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)? 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. HAD A LITE A LONG TRAIL BEHIND LIKE SMALLER PARTS HAD BROKEN OFF AND WERE TRAVELLING AT THE SAME SPEED.

23. Where was object last observed? :
a. relative to your surroundings ~~finding~~ went behind some trees
b. angle of elevation 10 degrees from Horizon
c. compass angle bearing

24. What was the manner of its disappearance? It 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.

NONE

27. How many witnesses to the sighting? ON MY 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

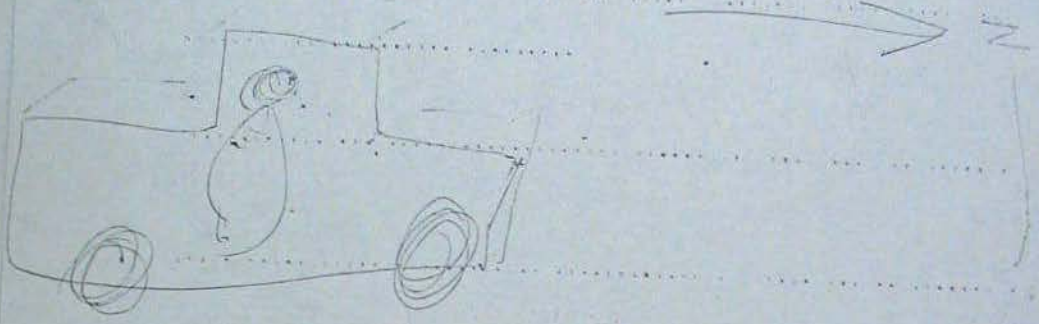
30. What are your main reasons for excluding this explanation?

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 D. Chesholm

Date 10-5-1973



ANNEX E

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.....

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 dipped behind local hills bearing 133°T
b. Angle of elevation 12°
c. Compass angle bearing 024°T through E to 133°T
d. How accurate are these estimates? + or -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

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 = to 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 3° 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
N/L

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
12°

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 N/L 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)
N/L

/ 26. State any

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

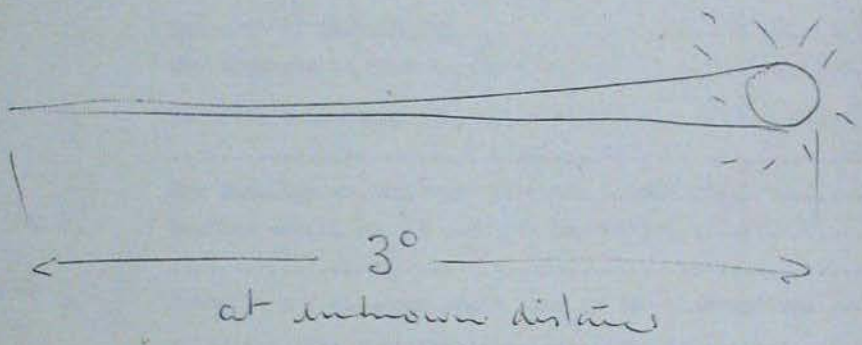
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?

Comet

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

Nil, 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 [signature]

Date 28.5.73

Capt J.D. HOLDEN M.I.N (Lond.)

ANNEX E

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
Tom Price WA 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? Near

5. Duration of Observation 1½ minutes
How accurate is your estimate? Round Figure only

6. Observer's location at time of sighting Tom Price Mine Site
How familiar is observer with this locality? Well and 2 years

7. Weather conditions at time of observation Clear no [illegible] of sight

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 [illegible] entry at horizon
b. Angle of elevation 15 degrees
c. Compass angle bearing Nine to SSE
d. How accurate are these estimates? Estimate of line only

10. What first attracted observer's attention? Leather light and slow steer very bright

11. If there was more than one light/object:
a. How many were there? One only
b. in what formation were they? —

/ 12. What was

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)
FLOURESANT LIGHT AT 100 METERS

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) 3 INCHES INCREASED TO APPROX 5 INCH

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
APPEARED APPROX NNE, FIRST SIGHTED 15°, ESTIMATES ONLY

16. Was any method of propulsion obvious? NO

17. Describe any sound heard, including changes in pitch and intensity
NO

18. What was the maximum and minimum angle of elevation (or height, if an estimate can be justified)?
KEPT APPROX 15° 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. SIMILAR TO SPEED OF A BARN ANGLIST OVERHEAD AT 8 FOOTH

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. WHITE LIGHT APPEARENCE OF BURNING OBJECT

23. Where was object last observed? :
   a. relative to your surroundings TOWARDS PARABADOO
   b. angle of elevation 15°
   c. compass angle bearing SSE

24. What was the manner of its disappearance? OUT OF SIGHT BEHIND MT TOO PRICE MINE

25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)
ONLY RECOVERED APPROX 10 FRAMES OF 8 MILE FILM SHOWING ONLY A WHITE DOT, USELESS

/ 26. State any

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? [illegible] NEAR LOCO ENGINE REPORTED ON [illegible] BY TRAIN CREW ON TRACK [illegible]

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

NO

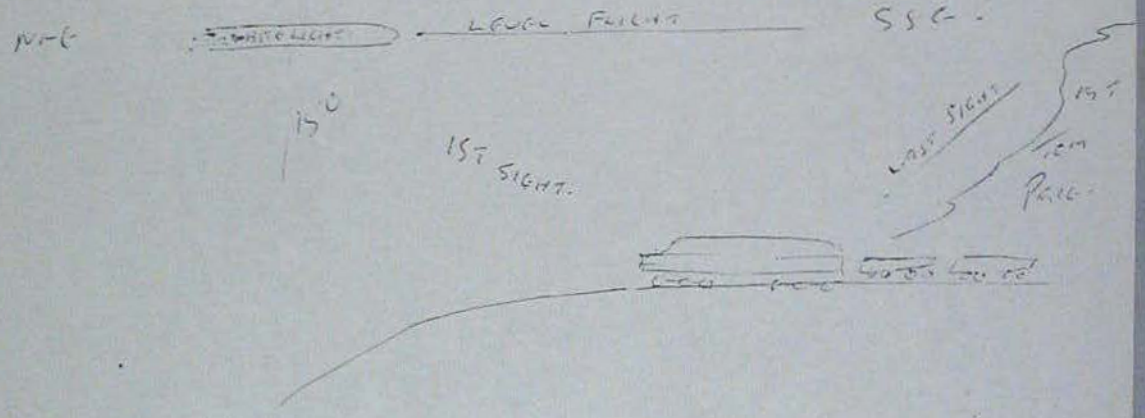
29. What natural phenomenon (or phonomena) would be nearest to explaining your observation?

NONE

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

TO SHOW FOR METEOR FELT IT COULD HAVE BEEN THE RUSSIAN SKY LAB IN TROUBLE AT TIME, [illegible]

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 [illegible] Date 15-5-73

ANNEX E

RECEIVED
17 MAY 1973
HEADQUARTERS,
RAAF PEARCE.

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. Monger Stn, Kalgoorlie WA 6430
Phone Number MT. Monger 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 minutes
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 Darlot Road
How familiar is observer with this locality?

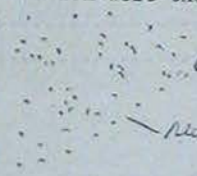
7. Weather conditions at time of observation Clear & Still

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 passed over to about 25 to the right on the Leonora side facing away from Leonora
c. Compass angle bearing Not taken
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



12. What was

12. What was the colour of the light or object? A bit 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. A bit 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 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 roughly 400 M.P.H.

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 us as previously described
   b. angle of elevation Still travelling parallel to the earth in appearance
   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 leaving Cert. Level in Both

27. How many witnesses to the sighting? ~~One~~ Two

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

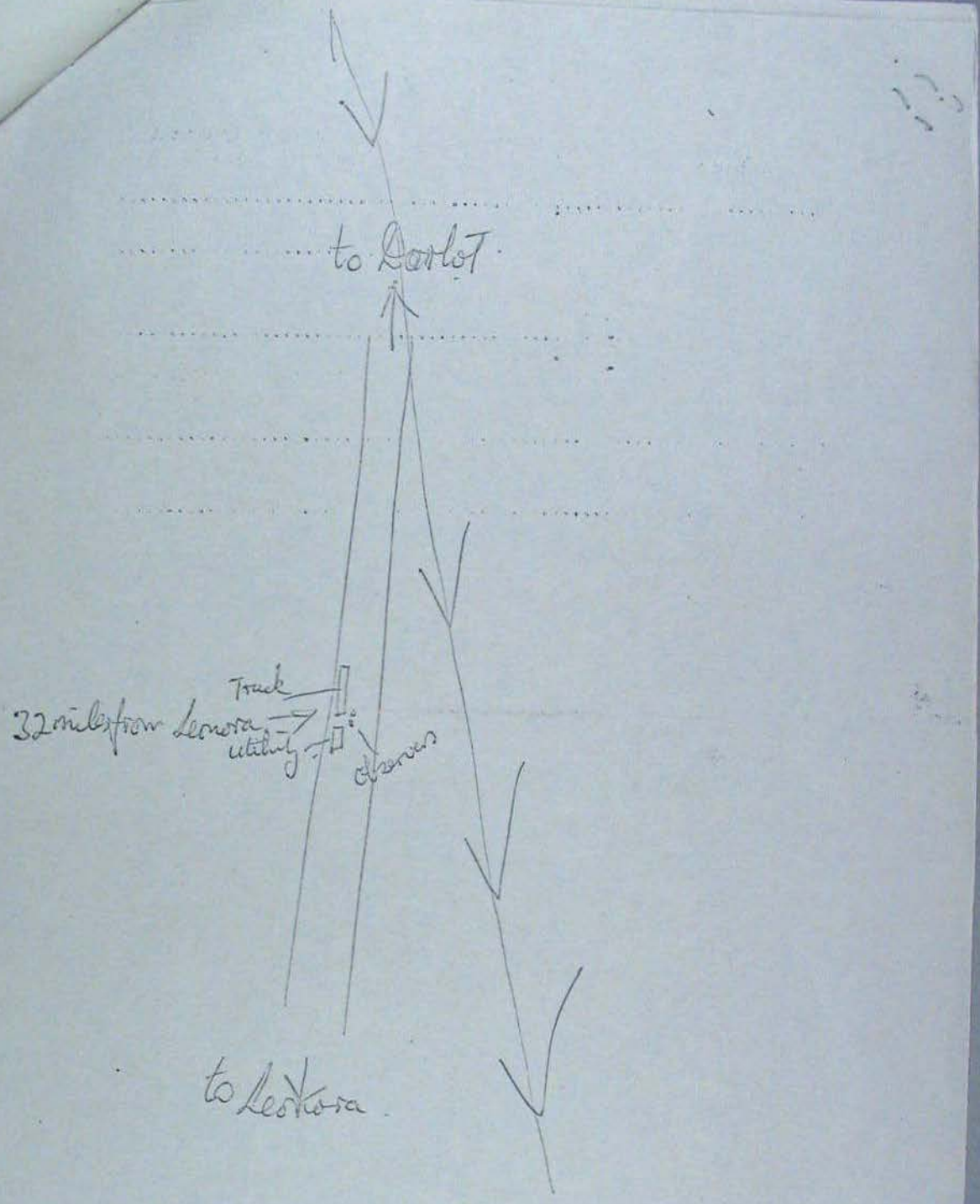
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?
A Slow else shooting star travelling 11° to the earth.

30. What are your main reasons for excluding this explanation?
No direction, Slow speed and apparent closure.

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 R.S. Warren Date 12/5/73.
RICHARD STANLEY WARREN


to Carlot
Truck
32 miles from Leonora
utility
observer
to Leonora

ANNEX E

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 DERBY W.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 DERBY
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 H'STEAD GATE OVER MULE PDK GATE VERY LOW ON HORIZON. HOWEVER THERE ARE IS LOW SCRUB ABOUT AND BLAB TREES WHICH INTERRUPTED OUR VIEW.
b. Angle of elevation VERY CLOSE TO HORIZON
c. Compass angle bearing S.S.W FROM MEDA H'STEAD
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 LOOKING TAIL

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 (O)
    b. relative dimensions in inches at arm's length (About 20 inches from eyes).....

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

16. Was any method of propulsion obvious?.....

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

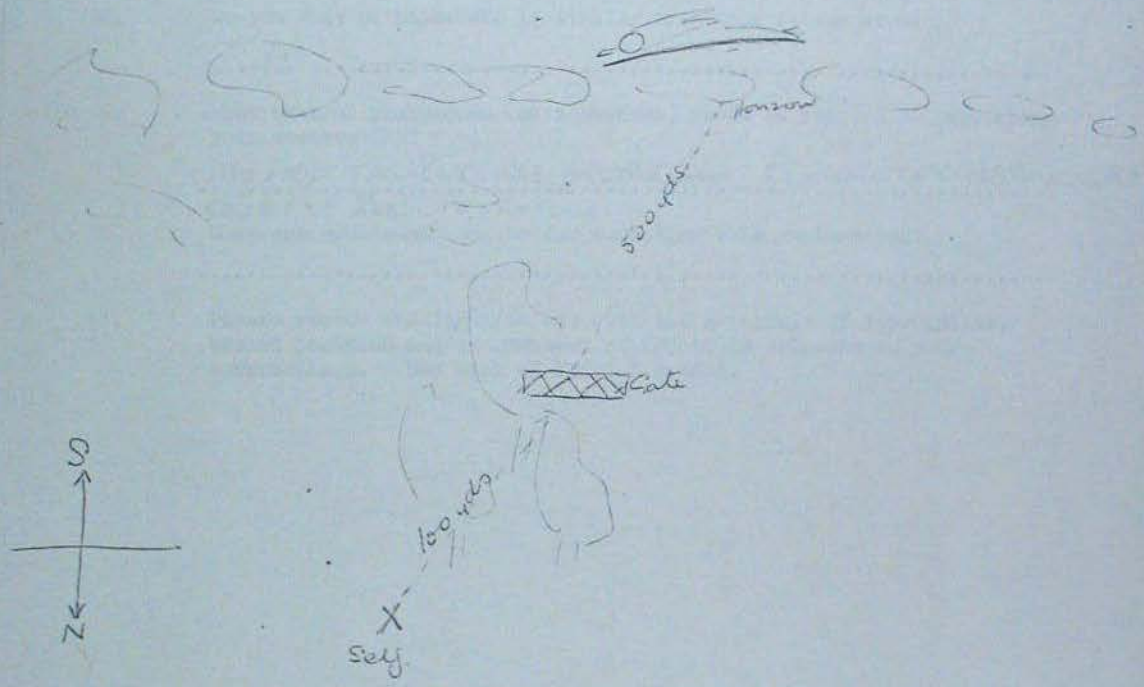
23. Where was object last observed? :
    a. relative to your surroundings .....
    b. angle of elevation .....
    c. compass angle bearing S.S.W

24. What was the manner of its disappearance? DISAPPEARED BEHIND LOW SCRUB ON HORIZON

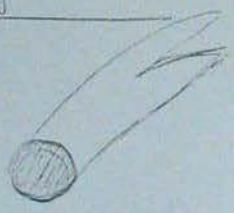
25. Do you know of any associated physical evidence (such as fragments, photographs, scorching, ground indentations, residual magnetism or radioactivity, etc)
No.
.....

/ 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 colour, 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. Maynard Leapman Date 4th May 1973

P.T.O.

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, bush trees & some low scrubs. The object was very close to the horizon travelling from right to left. It was obscured twice - behind large trees & disappeared finally behind the scrubs. The sighting started when I got out of the car turning round to open the rear door.

REC
15 MAY 1973
HEADQUARTERS
RAAF PEARCE

ANNEX E

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 ...[illegible] E. Lawwill... Age 38

2. Address of Observer 21 Versailles Way
Lesmurdie, W.A. Phone Number 936670

3. Occupation of Observer Airline Pilot

4. Dat & 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 Dampier, 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 airbourne in F-28 Airliner

9. Where was object first observed?:
a. Relative to your surroundings above, and to the Rith
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, such as an aircraft 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

12. What was the colour of the light or object? white or 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 ½th of moon
b. relative dimensions in inches at arm's length (About 20 inches from eyes) N/A

15. What were the bearing and elevation angles at nearest approach and how were these values assessed?
Through N.N.W. cockpit windscreen 20° at 030° T

16. Was any method of propulsion obvious? N.O.

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 away

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 as 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 ... 100° 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 same sighting: MMA ground staff at Karratha, W.A.

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 "falling star" first sighted above and to the right, tracking about 140°T to about 160°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 colour) particles breaking off was very vivid.

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

Signature Leroy E. Lawwill Date 7-5-73

ANNEX B

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 MARKEDIN .....
How familiar is observer with this locality? ..... RESIDENT 20 YRS.

7. Weather conditions at time of observation .....
..... CLEAR 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

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)
32 VOLT 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)... 2½ INCHES APART AT ARMS 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)?
5-6000 FT [illegible]

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.....

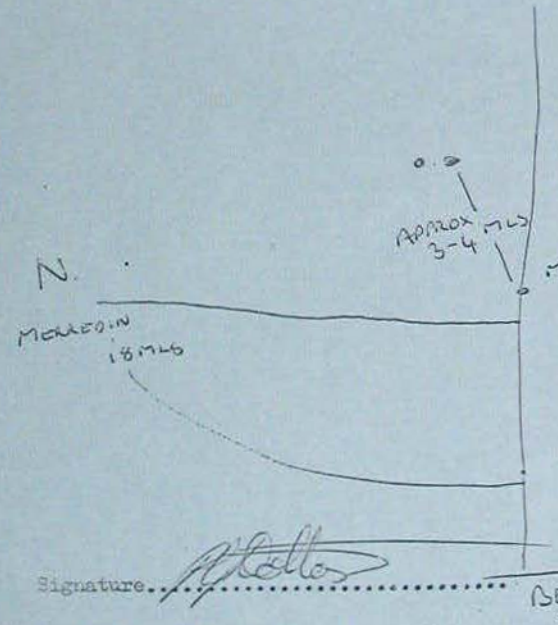
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?

.....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 whence they disappeared or moved into cloud The night was quite dark but could see patches of cloud.

Signature.....

Date..8/6/73..

ANNEX E

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. or 2804 1602 GMT 29th.
   How certain is the date? Definite
   How accurate is the time of start? Definite
5. 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 pilot pile.
8. Describe any aids/equipment used in the observation Neon Lights on the Port hedland Motor Hotel and the Leslie Salt pilot 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 then slightly curving to about 30 degrees
   b. Angle of elevation. 25. 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 though that an Fokker 28 was in the circuit 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

12. What was the colour of the light or object? Flame 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)
Like an oil flame normally 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?
080 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 Slight ssssssss 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 ..... Dissappeared behine 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, flame becaming 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

27. How many witnesses to the sighting? same night VMC training done. 3 persons that I know of for 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 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?

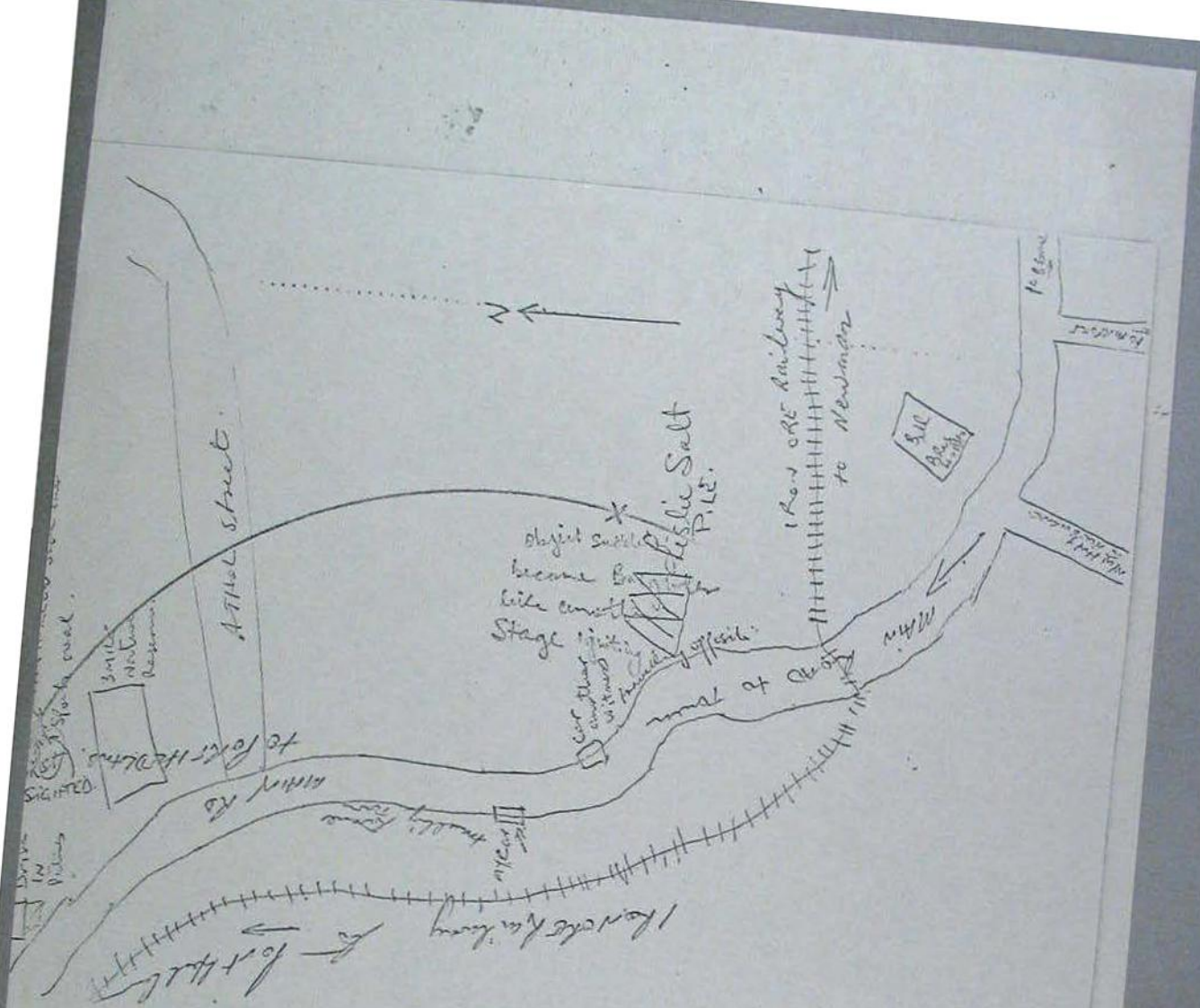
Speed too slow and the direction of travel too definite unlike a falling comet or meteorlite also not as bright as a meteorlite

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 alcohol was consumed that day, from other reports of sighting e.g. F28 crew on descent to Karratha and the Karratha D C A 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 artifical Satellite re entering the earth's atmosphere.

PTO.

Signature E J Calleja Date 7-5-73



The whole thing seemed to be enveloped in flame orange tapering at the back or against the direction of travel.

Smoke trail formed a semi-circle as seen.

ANNEX E

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 Cunningham..... Age ..41...

2. Address of Observer....13 DUDLEY RD.... KENWICK.
.....W.A..... Phone Number. 692352.

3. Occupation of Observer...Contractor (Air Conditioning)

4. Dat & Time of Start of Observation..12 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 Two W/Watches.

6. Observer's location at time of sighting...125 miles Nth of Meekatharra
...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 Nor East.....
.....
b. Angle of elevation.....50°.....
c. Compass angle bearing...As above.....
d. How accurate are these estimates?...Accurate as can be without aids

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 banks of 3.

/ 12. What was

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 moon on fire tail

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 Sub.

16. Was any method of propulsion obvious? Yes positive

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. Horizon with plane 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 (or trail) in twelve or 20 pipes 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 S.S. 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

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....

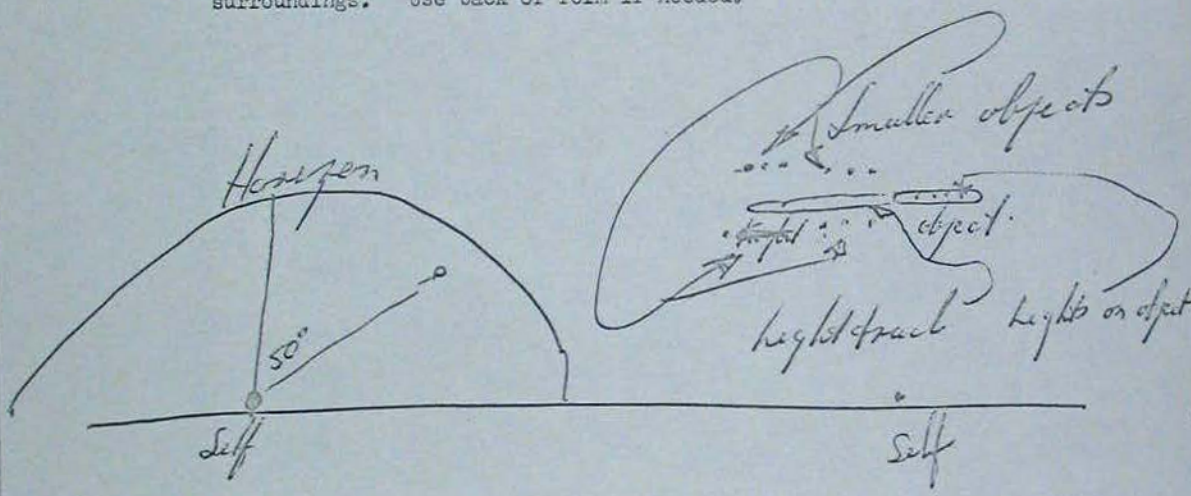
29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?

Unnatural (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

SIGHTING # 6a, b, c, d

GATESHEAD WEST — R M JESSOP
BELMONT NTH — W.A SNEDDON
KOOLEWONG — C. PEMIS
NSW — MR & 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

Explan
Date
19 Jul 73

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8054

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 Pt 25(6d)	20 JUL 73	HQWLM 5/2/AIR(SS) OF 29 JUN 73

TO: HQWLM
ATTENTION: FIO

SUBJECT: REPORTS OF UNUSUAL AERIAL SIGHTINGS

1. Enclosed, for your records, is a copy of a letter from this Department to Mr G.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 Mr G.J. Waugh

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

580/1/1 Pt25 (6c)

19 JUL 1973

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

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

Gplapl
DAH
19 Jul 73

580/1/1 Pt25 (6a)

19 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.

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

G
Gplaps
DAH
19 Jul 73

ROYAL AUSTRALIAN AIR FORCE

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

TELEPHONE: Newcastle 65-1221

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

IN REPLY QUOTE 5/2/Air(56)

29th June 1973

DAF1
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 1830-1850 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

RECEIVED
- 6 JUL 1973
DAFI

ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: Newcastle 65 1221

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

DEPT OF AIR 580-1-1 DAFI 7-6-73

IN REPLY QUOTE 5/2/Air(56)

26th June 1973

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:

a. R.M. Jessop of 63 Coral Crescent, Gateshead West NSW 2290,

b. Mr W.A. Sneddon C/- R.M. Jessop, above,

c. Mr C. (C % ~~Pemis~~ FERRIN) of 60 Brisbane Water Drive, Koolewong NSW 2256 - report forwarded by Mr H. Griesberg of the Central Coast UFO Research Bureau, and

d. 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° 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

RECEIVED
- 2 JUL 1973
DAFI

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 GOSFORD 33°25' BELMONT 33 02 GATESHEAD 32 57 Longitude 151°21' 151 40 151 41

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..WILLIAMTOWN 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 flies with a strobe anti collision light.

.....HQ WLM.....(Unit).....A.F. BLACKBURN.....(Name)

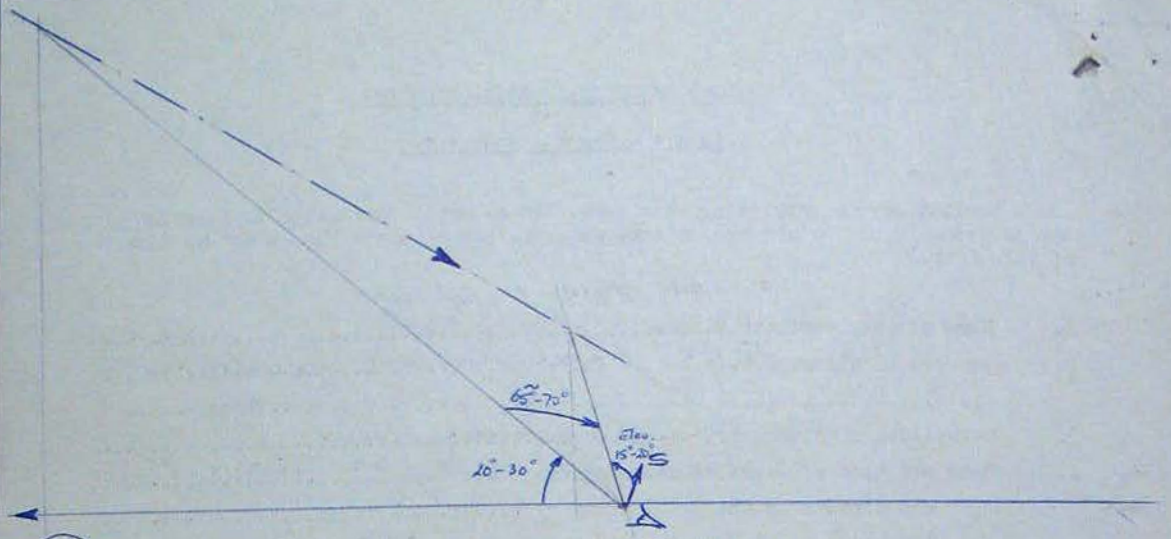
.....26 JUNE 973.....(Date).....FLT LT.....(Rank)

REPORT ON UNUSUAL AERIAL SIGHTING

Part 1 - Report by Observer

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

1. Name of observer ① WILLIAM ANDREW SNEDDON ② ROBERT MERTEN JESSOP Age 23 29
2. Address of observer ② 63 Coral Crescent Gateshead West ① Phone
3. Occupation of observer ② Student / Trainee Chemist
4. Date and time of start of observation 12 May 73 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 above 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?~~
    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)
    comparable to a strobe light
14. What was the apparent size at nearest approach:
    a. Relative to Venus or Moon see explanation over 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 attitude could be judged accurately as there was no available reference point. Velocity was, however, consistent with light aircraft travelling at about 150 kts at 1,500 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 stroboscope. 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. Sedden 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..comparable to Cessna -150HS at 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.(2) student pilot licence (1) Glides + radio controls aircraft.....

27. How many witnesses to the sighting?.....four all 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.

Signature. (1) R. Sheldon (2) [signature] Date. 17-5-1973.

RECEIVED
28 MAY 1973
WILLIAMTOWN

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. C.J. WAUGH. Age HUS. 28 - WIFE 27
2. Address of observer 11 BUTTABA AVE, BELMONT NTH. 2250 Phone 45-3574
3. Occupation of observer CLERK HOUSEWIFE.
4. Date and time of start of observation 12.5.75. 6.45 pm
   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, BELMONT NORTH.
   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. G. Waugh Date. 24/5/73.

CENTRAL COAST U.F.O. RESEARCH BUREAU

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

May 18,1973.

P.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 sincerly,

Harry Griesberg

Harry Griesberg
Secretary.

REPORT ON UNUSUAL AERIAL SIGHTING

Part I - Report by Observer

CENTRAL COAST RESEARCH BUREAU
OUR REF. U.F.O. 001

(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 Brisbane Water Drive Kooleyong 2256 Phone 413504
3. Occupation of observer Ass. Sports Editor 2 G.O.
4. Date and time of start of observation 12/5/73 6.40 P.M.
   How certain is the date? Definite
   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 Studios at Radio 2 G.O. Gosford
   How familiar is observer with this locality? 21 years in area
7. Weather conditions at time of observation fine Visibility 10/10ths Zero possibility of inversion
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 170 M.
   d. How accurate are these estimates? Very
10. What first attracted observer's attention? Phone call from Toukley 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 accellerated to about Mach 1.

20. Give duration of any stationary phases. ½ second.....

21. Describe any deviations or manoeuvres... colour change....

22. Describe any trail of exhaust, vapour or light seen. faint white trail change of colour.....

23. Where was the object last observed: blue, Red, Orange white and blue

a. Relative to your surroundings.....30° S.S.W. 260

b. Angle of elevation.....30° S.S.W. M.....

c. Compass angle bearing....190° M.....

24. What was the manner of its disappearance?. obscured by hills

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 ABC

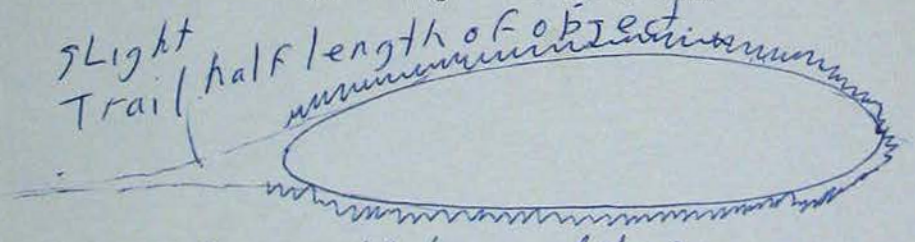
27. How many witnesses to the sighting?...none.....

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 ¾ ellipse.

Signature...C. Perna..... Date 15/5/73.....

5 JUL 73

SIGHTING # 5

ELTHAM
VIC

D.V THOMPSON

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No. 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1/P.25(56)	6JUL73	HQSC 5/6/1/AIR(65) Of 24 MAY 73 - 5/6/1/AIR(21) Of 2 JUL 73.

TO	ATTENTION
HQSC	CINTELLO

SUBJECT
REPORTS OF UNUSUAL AERIAL SIGHTINGS

Enclosed, for your records, are copies of ~~letters replies~~ letters to Mr D.V. Thompson G.L., S.M. Augustin and Miss Lorna Grover in reply to their reports of unusual aerial sightings.

ENCLOSURES: Copies of letters to Thompson, Augustin and Grover

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M Cretton	M. CRETTON	FLG OFF	IR.2	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 30 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

Gplapl
DAH
12 Jul 73

NoA
Reply DAH
13

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE: 5/6/1/Air (2L)

FROM: HQSC

DATE: 2JUL73

TO: ~~DEPAIR~~ DAFI

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.

RECEIVED - 5 JUL 1973 DAFI

SIGNATURE	PRINTED NAME	RANK AND APPOINTMENT	PHONE EXTN
Gibbs	R.O. GIBBS	Flg Off INT1	7410

C.D.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

~~RESTRICTED~~

~~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 BREASTED 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) ¼" 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. OF DISTANCE.

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 TIMES 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 V

c. compass angle bearing V

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 AND MYSELF.

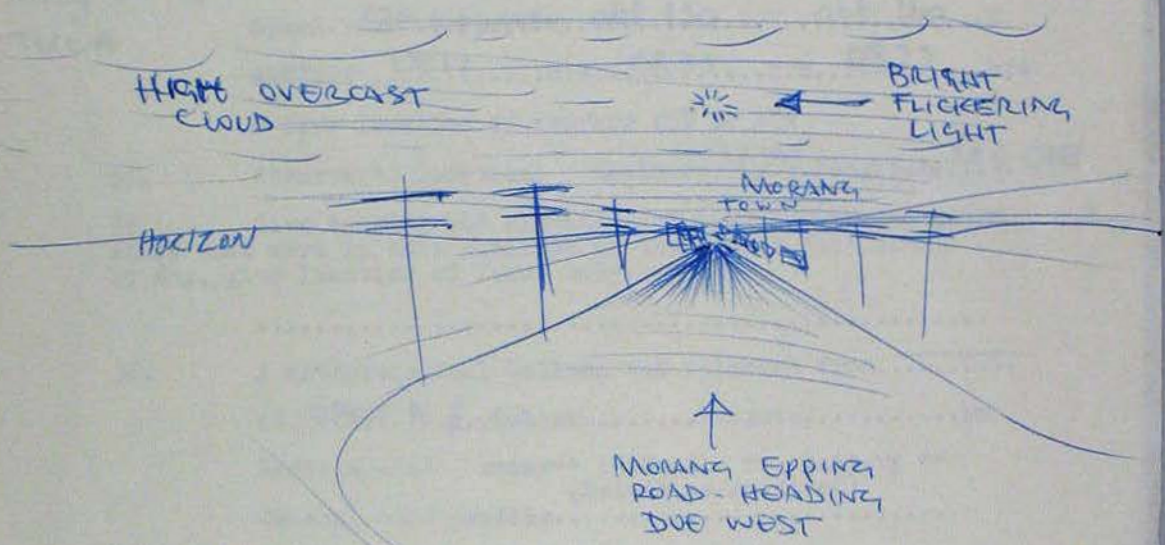
NO, BUT 18 MONTHS AGO SAW SIMILAR PHENOMENA OVER DONNY BROOK HILL BUT DIDNT BOTHER TO REPORT.

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? TUHAMARINE RAISING MAGNESIUM FLARE?

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 [signature] Date 24th June 73

Part 2 - Unit Evaluation

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

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

Heading..... T .....T..... (T)

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

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

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

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

A/C type..VHBPE Cessna 402.(1)..F27/FNS(2)..727/RMD..(3)

Heading..fm Yarrawee West.....T...fm Mildura West.....T...fm Adelaide West.....T

All using 27 @ TULA

Height..des fm...5,000 ft..fm...7.000 ft..fm8...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, relavant to the sighting.

.....Nil.....

Temp Dry 9° Wet 7° Dew Point 5° RH 80%
Cloud 7/8 St Cu base abt 5,000'
Wind calm surface
Bar MSL 1025.5 mbs

/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~~
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 2JUL73
(Unit) (Date)

R.O.Gibbs ..... Flg.Off
(Name of Investigating Officer) (Rank)

** Delete as necessary

5 JUL 73

SIGHTING # 4

KILLARNEY VALE NSW

MRS A J REYNOLDS

580/1/1 Pt25 (4a)

13 JUL 1973

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

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

f
Gplaps
DAS
13 Jul 73

NOA
Desp by DPR
11.7.73

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-8064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 P.25(43)	16 JUL 73	HQWLM 5/2/AIR(57) OF 28 JUN 73

TO HQWLM 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.

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

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
M.J. Cretion	M J CRETION	FLG OFF	IR 2	2408

ROYAL AUSTRALIAN AIR FORCE

TELEPHONE: Newcastle 65-1221

DEPT OF AIR
560-1-1 DAFI
3.7.73

Headquarters
RAAF Base
WILLIAMTOWN NSW 2314

IN REPLY QUOTE 5/2/Air(57)

28th June 1973

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:

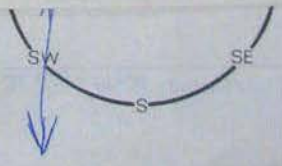
a. from 0-1600 feet - 3°C

b. from 10500-11000 feet - 1°C

c. from31000-32000 feet - 1°C

Weather at 0600 hours was: Winds north westerly at 10 knots, visibility 20 nautical miles, ⅛ 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

RECEIVED
-5 JUL 1973
DAFI

CENTRAL COAST
U.F.O.
RESEARCH BUREAU

FOLIO No.	
FILE No.	5/2
PRE. REF.	CAT. REF.

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

June 24,1973.

F.L.Frank Blackburn,
Intelligance 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.

CENTRAL COAST U.F.O. RESEARCH BUREAU

U.F.O. REPORT FORM

P.O.Box 546
GOSFORD

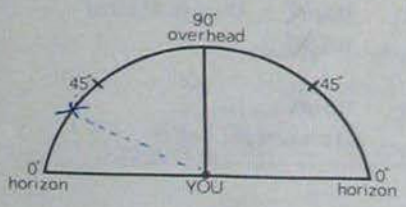
File #: K002
Conclusion:

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

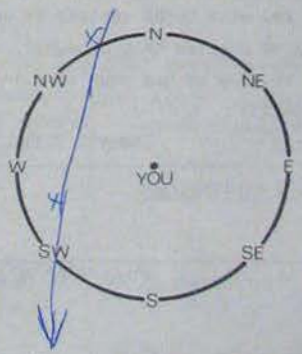
Name: Mrs. ALMA-JOYCE-REYNOLDS Address: 18 CUTHBERT ST. KILLARNEY VALE N.S.W. Age: 55

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/~~pm~~
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 (SON)
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 - OVAL - 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.

One



Two



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 ojject first, and alerted Mother + Father.

Co-ordinator's comments:

---

1. Do you wish to be advised of our findings? YES/~~NO~~ (PLEASE DELETE)
2. May we publish this account? YES/~~NO~~
3. If so, may we use your name in connection with it? YES/~~NO~~

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

Suggested explanation:

Copies distributed: WILLIAMTOWN

Signed: D. GWEN

Seen: Barry Greenberg SEC.

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/C.....(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....N/C.....(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, virtually 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 ..1....°C at 0-16.00.....ft, measured at 23.00.....Z hrs from WILLIAMTOWN 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 was*/~~may have been* (delete as required). Cosmos 44 at azim 38 above, with possible moon reflection incorporated.

.....HQWLM.....(Unit)...A.F. BLACKBURN.(Name)

.....28th June 1973.....(Date)....FLT LT.....(Rank)

5 JUL 73 D 2930
SIGHTING # 3

MELBOURNE VIC

R. C. CANE

Royal Australian Air Force
A273 – MEMORANDUM
May 72 Stock No 7530-66-052-6064

FROM	FILE	DATE	REFERENCES
DEPAIR	580/1/1 P 25(35)	19 JUL 73	HQSC 5/61/AIR(20) OF 2 JUL 73

TO	ATTENTION
HQSC	CINTELLO

SUBJECT
REPORTS OF UNUSUAL AERIAL SIGHTINGS

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

ENCLOSURE: Copy of letter to Mr R C Cave.

SIGNATURE	NAME	RANK	APPOINTMENT	PHONE NO
[signature]	M CRETTON	FLG OFF	IR 2	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

NOA
Resp by DPR
19.7.73

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

Typed
Draft
17 Jul 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: H&SC

DATE: 2JUL73

TO: DAFI ~~DEPAIR~~

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.

RECEIVED
5 JUL 1973
DAFI

SIGNATURE	PRINTED NAME	RANK AND APPOINTMENT	PHONE EXTN
Gibbs	R.O. GIBBS	Flg Off INT 1	7410

C.D.O. 9777

10. What first attracted observer's attention?....[illegible]....

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 5/6/1/Air
Chatel

~~RESTRICTED~~

RECEIVED 27 JUN 1973 HQSC REGISTRY

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 CLIVE 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 SUZ 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
WINDOW
b. angle of elevation...BELOW AIRCRAFT ALTITUDE 5-6000'
c. compass angle bearing...DIRECTLY ABEAM
d. how accurate are these estimates?...ACCURATE.

10. What first attracted observer's attention?...A 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 5/6/1 [illegible]

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) Similar to an oil burn off at a refinery from parked ½ mile

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

a. relative to Venus or Moon. Appeared slightly longer than Venus

b. relative dimensions in inches at arm's length (about 20 inches from the eyes). This was not estimated. Probably ½ - ¾" — 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 4s

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 noted at 5/6000' & 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 steadily 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

21. Describe any deviations or manoeuvres. stationary or moving away from us. As above

22. Describe any trail of exhaust, vapour or light seen. Nil. Conditions not conducive

23. Where was object last observed :

a. relative to your surroundings. 25 miles from Alb prior to entering cloud at 14 000'

b. angle of elevation. Below the aircraft

c. 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 / one heater

RESTRICTED

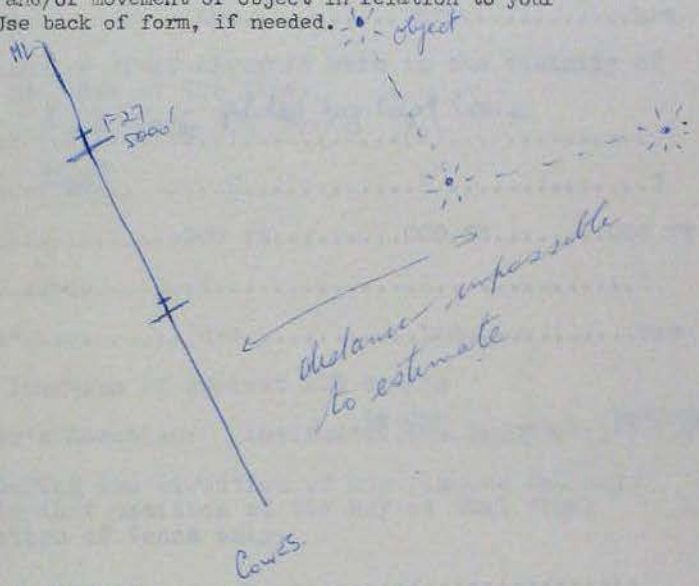
28. Do you know of witnesses to similar sightings in the area?.....No.....

29. What natural phenomenon (or phenomena) would be nearest to explaining your observation?.....As mentioned an oil burn off but the object definitely moved with own power off!

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..... 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.....F27 FNQ 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°
Dpoint 9°
RH 87%
Cloud 8/cast base abt 11,500ft to 18,000
Wind calm N @ 1 knot
Bar 1022.5 mb

351°

/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.

When reported by RAAF controller TULLA, radar had not located any ~~aircraft~~ other trace near VH-FNQ

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-FNQ finally affected by approaching sunrise

HQSCU — (Unit)
2JUL73 — (Date)

R.O.Gibbs — (Name of Investigating Officer)
Flg Off — (Rank)

** Delete as necessary

26 JUN 73

D 2030

SIGHTING #2

PORT MCQUARIE NSW

B AHERN

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

DAFI 7-6-73 580-1-1

DATE: 22 JUN 73.

TO: ~~DEPAIR~~ DAFI

ATTENTION: DAFI 1R-2

REFERENCES: Telecon Sqn 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.

RECEIVED 26 JUN 1973 DAFI

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

SIGNATURE: Gibbs

PRINTED NAME: R.O. GIBBS

RANK AND APPOINTMENT: Flg Off INT 1

PHONE EXTN: 7410

C.D.O. 9777

...nical Society of Victoria

Box 1059J, G.P.O.,
MELBOURNE

Sic itur ad astra

20th June, 1973.

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

RECEIVED 21 JUN 1973 HQSC REGISTRY

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,

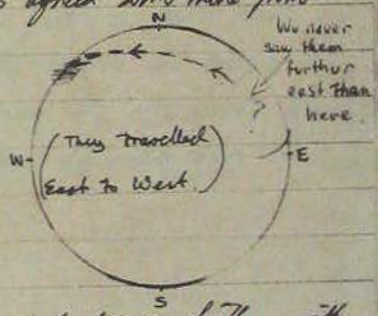
J.B. Trainor

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

X 5/6/1/... C Intel O

18 Warncliffe Road,
East Soanhoe, 3079.
Victoria.
June 1. 1973

...ual "satellite" phenomena seen on
...first night I saw these objects was
... to Port MacQuarie Astronomical
... sightings I took no record of
...bjects - therefore no one really
... 3-4th magnitude, and therefore
...ens to pick out amongst the
... father, mother and younger
... bearings whilst I was busy
...urements agreed with mine from
...ely as



...above
...ey
...w

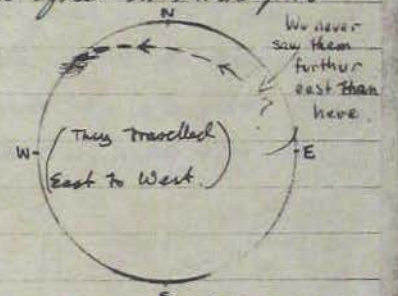
that I am looking at a star-chart, I notice they followed a similar path to the ecliptic, however, several degrees further north.

On the first sighting there were three "satellites" in a (←·:·) configuration. On the second sighting there were five (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-... said something to

18 Wandcliffe Road,
East Sooke, 3079.
Victoria.
June 1. 1973

Dear Mr. Treiner,

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 3 nights. They followed a path approximately as traced at right :-



They were always first noticed at about 15-20° 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 pathway 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[illegible] 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 Boöles, and although I [redacted] you the time of 30 seconds or more, I tested this and find that I was quite wrong. (If I move my hand in an 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 Thorn

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

J.B. Trainor - DIRECTOR
CURRENT PHENOMENA SECTION

28 Omar Street,
SOUTH CAULFIELD, 3162.

27 JUN 73

D 2030

SIGHTING # 1

SASSAFRAS MRS D. M. COOPER
VIC

MEMORANDUM

RAAF FORM A273 MAR 63

For use within the RAAF only
Write or print clearly

OUR FILE: 5/6/1/Air (10)

FROM: HQSC

DATE: 25JUN73

TO: DAFI ~~DEPAIR~~

ATTENTION: DAFI IR-2

REFERENCES: Our 5/6/1/Air (74) 7JUN73 DAFI 7-6-73

580-1-1

SUBJECT: UNUSUAL AERIAL OBJECT REPORT

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.J. PARISH)
Plt Off
IR-3

29 JUN 73

SIGNATURE	PRINTED NAME	RANK AND APPOINTMENT	PHONE EXTN
Gibbs	R.O. Gibbs	Flg Off INT 1	7410

C.O.O. 9777

10. What first attracted observer's attention? ~~[illegible]~~ 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

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 ..MRS. D.M. COOPER.....Age ..56 YRS.

2. Address of observer...'SARNIA ROSE' MAIN RD.....

.....SASSAFRAS 3787...Phone.....

3. Occupation of observer.....OFFICE DUTIES.....

4. Date and time of start of observation...APPROX. 1 A.M. 19/5/73

How certain is the date?.....CERTAIN.....

How accurate is the time of start?...WITHIN 10 MINUTES.....

5. Duration of observation.....ABOUT 3 MINUTES.....

How accurate is your estimate?.....FAIRLY ACCURATE.....

6. Observer's location at time of sighting....IN BED AT HOME..

.....

How familiar is observer with this locality?..VERY FAMILIAR...

7. Weather conditions at time of observation...DRY & COOL.....

.....

8. Describe any aids/equipment used in the observation...NONE.....

.....

9. Where was object first observed? :

a. Relative to your surroundings...JUST ABOVE THE ROOF

.....OF MY BEDROOM.....

b. angle of elevation.....

c. compass angle bearing.....

d. how accurate are these estimates?.....

10. What first attracted observer's attention?..STRANGE SIREN-

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

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?.....

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...D N Cooper..... Date.....24/5/73.....

Part 2 - Unit Evaluation

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

A/C type. 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

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 II(74) 7JUN73).

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

H.Q.S.C.U — (Unit) — 25JUN73 — (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 | Precis

NAME INDEX

1 Heading | Precis

2 Alter File No on Logging Card for _____

Letter dated _____ Reference No _____

10187/72—4. F. D. Atkinson, Government Printer, Canberra