1. DATE - TIME GROUP 14-15 Sept 64 15/0505Z	**2. LOCATION** Houma & New Orleans Boton Rouge, Louisiana
3. SOURCE Civilian	**10. CONCLUSION** Astronomical (STARS) Photos of Betelgeux and Capella.
4. NUMBER OF OBJECTS Two - Seven	
5. LENGTH OF OBSERVATION Three Hours	**11. BRIEF SUMMARY AND ANALYSIS** Glowing white and green lights, flashing and moving erratically from horizon to 15,000 ft. Size of large stars. From 2-7 objects. Multiple reports. No sound except one report of loud popping sound. Photos taken by LSU astronomers. Strong inversion at 3400-4000 ft. A/C scrambled for identification and no object visible. No radar contact at any time.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE Erratic (West)	
8. PHOTOS XX Yes ☐ No	
9. PHYSICAL EVIDENCE ☐ Yes XX No	

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

September 15, 1964
L.S.U. Observatory
Department of Physics
and Astronomy
Nicholson Hall
Louisiana State University
Baton Rouge,
La. 70803

Commanding Officer
Montgomery Air Defence Sector
Gunter Air Force Base
Montgomery, Ala.

Dear Sir:

Enclosed are two negatives of two stars taken at the request of the East Baton Rouge Sheriff's Dept. Each exposure was 30 seconds taken at the prime focus of the 11½ inch refractor here. The two stars are alpha Auriga and alpha Orionis. The exposure of α Orionis was taken at 0910 U.T. (0310 C.S.T.) and α Auriga at 0914 (0314). The film used was Super Panchro-Press, developed 6 minutes in Microdol.

When at low altitude, these stars appeared to alternate colors, red-green. It is to be noted that these stars are rather red (α Orionis being considerably redder) and that the low altitude blue and white stars showed no red colors. This phenomenon is rather common for stars near the horizon. All of the objects observed to alternate red-green here proved to be stars, and nothing can be said as to the nature of the U.F.O's reported in the vicinity of Baton Rouge in relation to these stars.

Microscopic examination of the negatives showed nothing out of the ordinary with the exception of a slight elongation of the images of some of the fainter field stars which is probably due to some slight movement of the telescope. The sidereal drive was on during the exposures, otherwise, the stars would appear as streaks. It is to be noted that the bright stars are very much over-exposed.

Prints were not made of the negatives, as they in actuality have little to do with the possible identification of Unidentified Flying Objects, other than the low altitude scintillation.

Sincerely yours,

Lewis M. Cook

Lewis M. Cook, (Student)
Student, L.S.U. Dept. of
Physics and Astronomy.

Incl 1

15 SEP 64 22 17z

WPA069

CZCSQB658ZCVYX715

PP RUCDSQ

DE RUCQGM 37 15/2043Z

ZNR

P 152000Z

PRIORITY

Art 1-5E W

FM 32 NORAD REGION GUNTER AFB ALA

TO RUWGALE/ADC ENT AFB COLO

RUCDSQ/AFSC FOREIGN TECHNOLOGY DIV WRIGHT PATTERSON AFB OHIO

RUEAHQ/HQ USAF WASH D C

RUEAHQ/SECRETARY OF THE AIR FORCE WASH D C

BT

UNCLAS/32NOPS-D06409-0284. FOR AFNIN, HQ USAF. FOR SAFOI, SECRETARY OF THE AF. SUBJ: UFO REPORT. IAW PARAGRAPH 14, AFR 200-2, 20 JUL 62, THE FOLLOWING REPORT IS SUBMITTED.

A. DESCRIPTION OF OBJECTS:

1. EGG SHAPPED
2. SIZE OF LARGE STAR
3. GLOWING WHITE WITH RED AND GREEN FLASHING LIGHTS.
4. NUMBER OF OBJECTS: REPORTS FROM TWO TO SEVEN.
5. FORMATION: VARIED REPORTS FROM TWO IN TRAIL TO TWO STICKS OF THEM HORIZONTALLY AND ONE INDEPENDANT.

6. SOUND: ONE REPORT OF LOUD POPPING NOISE, OTHER REPORTS SILENT.

4. SPEED VARIED FROM HOVERING TO MODERATE.

B. DESRIPTION OF COURSE OF OBJECTS:

1. COURSE VARIED

2. ALTUTUDE VARIED FROM GROUND TO 15000 FT DESCENDING AND CLIMBING.

3. OBJECTS VISIBLE FROM 0505Z UNTIL 0800Z.

C. MANNER OF OBSERVATION:

1. GROUND VISUAL

2. PHOTOGRAPHS TAKEN AT LOUISIANA STATE UNIVERSTIY OF THE OBJECTS WILL BE SENT TO COMMANDER, 32ND NORAD REGION.

D. TIME AND DATE OF SIGHTING

1. 15 SEP 0505Z TO 0800Z.

2. LIGHT CONDITION - NIGHT.

E. LOCATIONS OF OBSERVERS.

1. NEW ORLEANS, BATON ROUGE AND HOUMA LOUISANA AREAS.

F. IDENTIFYING INFORMATION ON OBSERVERS.

1. CIVILIAN: MR [redacted], BATON ROUGE SHERIFF'S OFFICE, PHONE [redacted]. MR. H.H. HOWELL, TOWER OPERATOR, RYAN AIRPORT,

BATON ROUGE LA. CAPTS. FRANKS AND LUSCO, HOUMA POLICE DEPT. HOUMA LA. VARIOUS OTHER STATE POLICE OFFICERS NAMES NOT AVAILABLE.

2. MILITARY: DOBBINS, JOE D. SSGT AND THOMAS, BURL G. A3C, 657 TH ACW SQUADRON HOUMA LA.

G. WEATHER AND WINDS-ALOFT CONDITIONS AT TIME AND PLACE OF SIGINTINGS:

1. OBSERVERS ACCOUNT- CLEAR.

2. WINDS SURFACE - CALM, 6000FT - 260/04K; 10000 FT 060/12K ; 16000-310/10K; 20000FT - 280/08K; 30000FT 280/11K; 50000 FT - 310/16K.

3. CEILING - CLEAR

4. VISIBILTIY - 10 MI.

5. CLOUD COVER - NONE

6. THUNDERSTORMS - NONE.

7. VERTICAL TEMPERATURE GRADIENT SURFACE TO 4000FT;

-4 DEG C PER 1000FT. 4000-5000FT, PLUS 1DEG C PER 1000 FT;

5000-15000FT; PLUS 2DEG C PER 1000 FT.

H. STRONG INVERSION FROM 3400 FT TO 4000 FT.

I. INTERCEPTION AND INDENTIFICATION ACTION TAKEN: AT 0544Z, TWO F-102'S WERE SCRAMBLED FROM NEW ORLEANS. THEY PATROLLED THE BATON ROUGE AREA AND WERE VECTORED TO THE UFO BY THE RYAN TOWER OPERATOR. THEY MADE NO VISUAL OR RADAR SIGHTINS EXCEPT FOR DIFFUSED STARS THROUGH A HAZE LAYER. THE SAME F-102S WERE SCRAMBLED AGAIN AT 0730Z TO INVESTIGATE THE HOUMA AND NEW ORLEANS AREAS WITH NEGATIVE RESULTS.

J. LOCATIONS, APPROXIMATE ALTITUDE, AND GENERAL DIRECTION OF AIR TRAFIC - NONE.

K. 32 NORAD REGION SENIOR DIRECTOR. WEATHER CONDITIONS OF STRONG IVERSIONS AND A LOW HAZE LAYER COULD POSSIBLY CAUSE REFLECTIONS AND ILLUSIONS, CAUSED BY LIGHTS OR HEAVENLY BODIES. AS STATED PREVIOUSLY, FIGHTER AIRCRAFT WERE VECTORED TO THE POSITION OF SIGHTINGS BY A TOWER OPERATOR, BUT SAW NOTHING. AT NO TIME DID GROUND OR AIRBORNE RADAR PICK UP ANY UNIDENTIFIED DATA.

BT

NNNN

HEADQUARTERS
MONTGOMERY AIR DEFENSE SECTOR
United States Air Force
Gunter Air Force Base, Alabama 36114

REPLY TO ATTN OF: MOCCR

23 September 1964

SUBJECT: UFO Sighting, LSU, Louisiana Photographs Taken

TO: Air Force Systems Command
Wright-Patterson AFB, Ohio
ATTN: FTD (TDEW/UFO)

1. Inclosed are negatives of Orionis and Auriga taken at Louisiana State University Observatory on 15 September 1964. Photographic and developing data, with an evaluation of the shots, are outlined in Mr. [redacted] letter which is also inclosed.

2. When your analysis and evaluation is completed, please return the negatives to Mr. Cook.

C. D. SONNKALB
Colonel, USAF
Commander

2 Atch
1. Ltr fr Mr. [redacted] w/2 Atch, 15 Sept 64
2. Ltr to Mr. [redacted] 23Sept64

OFFICIAL FILE COPY

OFFICIAL FILE COPY

TDEW

UFO Sighting, Louisiana State University, Louisiana, Photographs Taken — 17 Sep 64

Commander
32nd NORAD Region
Gunter AFB, Alabama

1. Reference your message 32NOPS-D06409-0284, 15 September 1964. It is requested that the photographs taken at Louisiana State University be forwarded to Wright-Patterson AFB, Ohio, attention FTD (TDEW/UFO), in accordance with AFR 200-2. The photographs will be returned to you upon completion of our analysis and evaluation.

2. The excellent coverage of this sighting and timeliness of submission by your activity is most noteworthy. Analysts at FTD are in accord with your conclusions in Section K of your message.

FOR THE COMMANDER

ERIC T de JONCKHEERE
Colonel, USAF
Deputy for Technology
and Subsystems

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TDEW

Evaluation of Photos Capella and Betelgeux 30 Oct 64

Hq Montgomery Air Defense Sector (MDCCR)
Gunter AFB, Alabama 36114

1. The negatives and two copies of the Stars Capella and Betelgeux are being forwarded to your organization for return to Mr[redacted] Since these objects were identified and photographed as known objects, no analysis was performed.

2. These photographs assisted in confirmation of previous reports of visual observations on the nights of 14 and 15 Sep 64 in the Baton Rouge area as these two stars.

FOR THE COMMANDER

ERIC T de JONCKHEERE
Colonel, USAF
Deputy for Technology
and Subsystems

Atch
a/s

OFFICIAL FILE COPY

Information Only
Source: A P R O Bulletin, November 1964

Lake Pontchartrain, Louisiana
14 September 1964

State Representative Sees UAO in Louisiana

We can thank Member Robert Q. Achzener for the information that State Representative Charles G. Smither of Louisiana observed a "shapeless, motionless metal object over Lake Pontchartrain on Monday (September 14) at 11 a. m.

Smither said he had been to Michoud Plant and was returning to New Orleans by bus when he saw the object. He and Alfred Moran, riding with him, at first thought the object was a jetliner as they had watched several as they made their way to the plant earlier in the morning.

Smither and Moran waited for the object to "take shape," but it didn't. It had no tail or wings. Smither watched it for at least 3 minutes and it didn't move. It had no definite shape. He glanced around in the bus and when he looked back the object was gone.

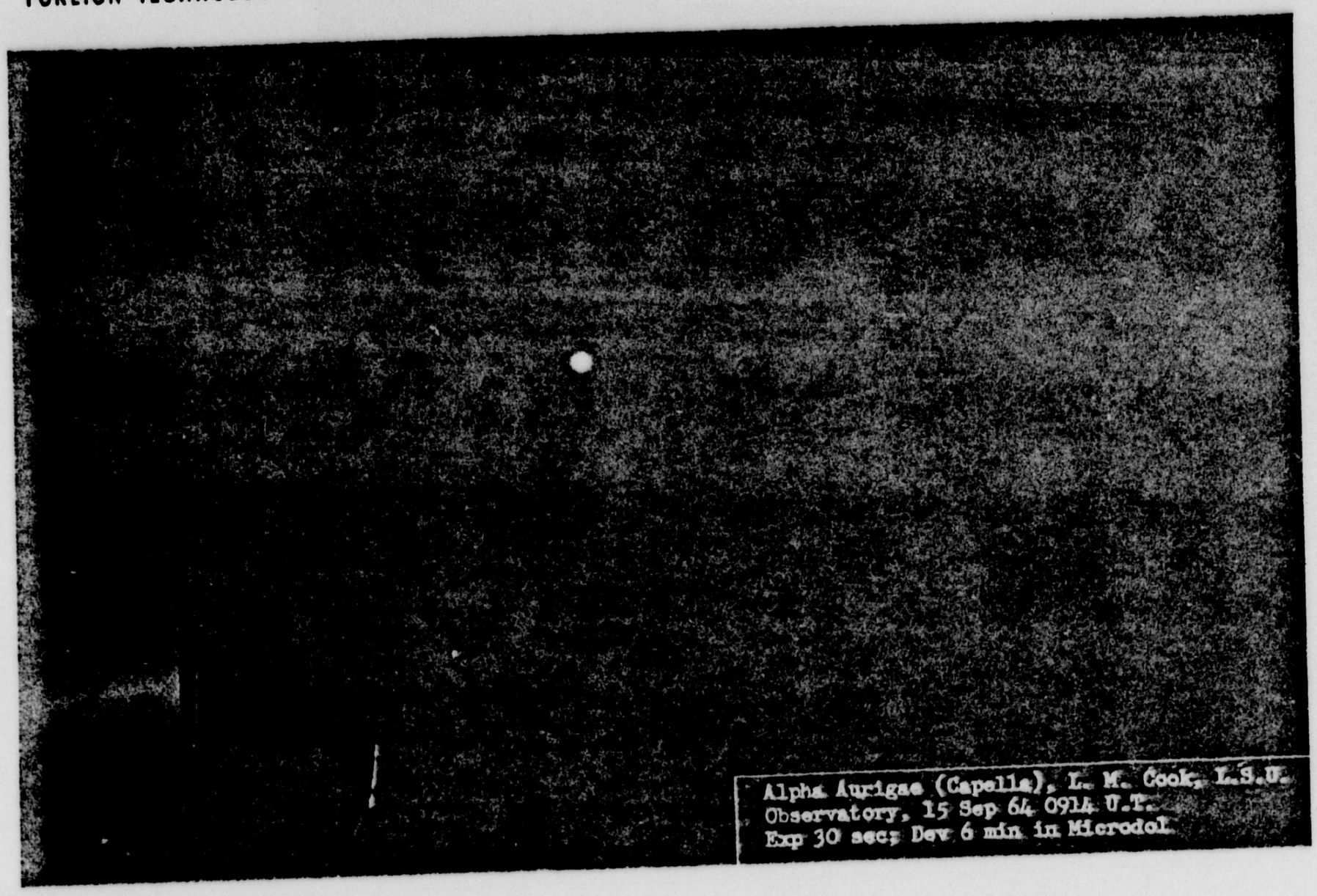
Paul Atkinson of the Times-Picayne of New Orleans, had an article about Smither's sighting in the 20 September 1964 issue and compared the Smither sighting with that of Eastern Air Lines Pilot Truman Gile in 1957 when Gile saw a "great, big, silvery shiny rounded object" when getting ready to take off from Lafayette field. He watched it for 3 minutes, then alerted the crew and they watched. The object didn't move from position—just faded away, he said.

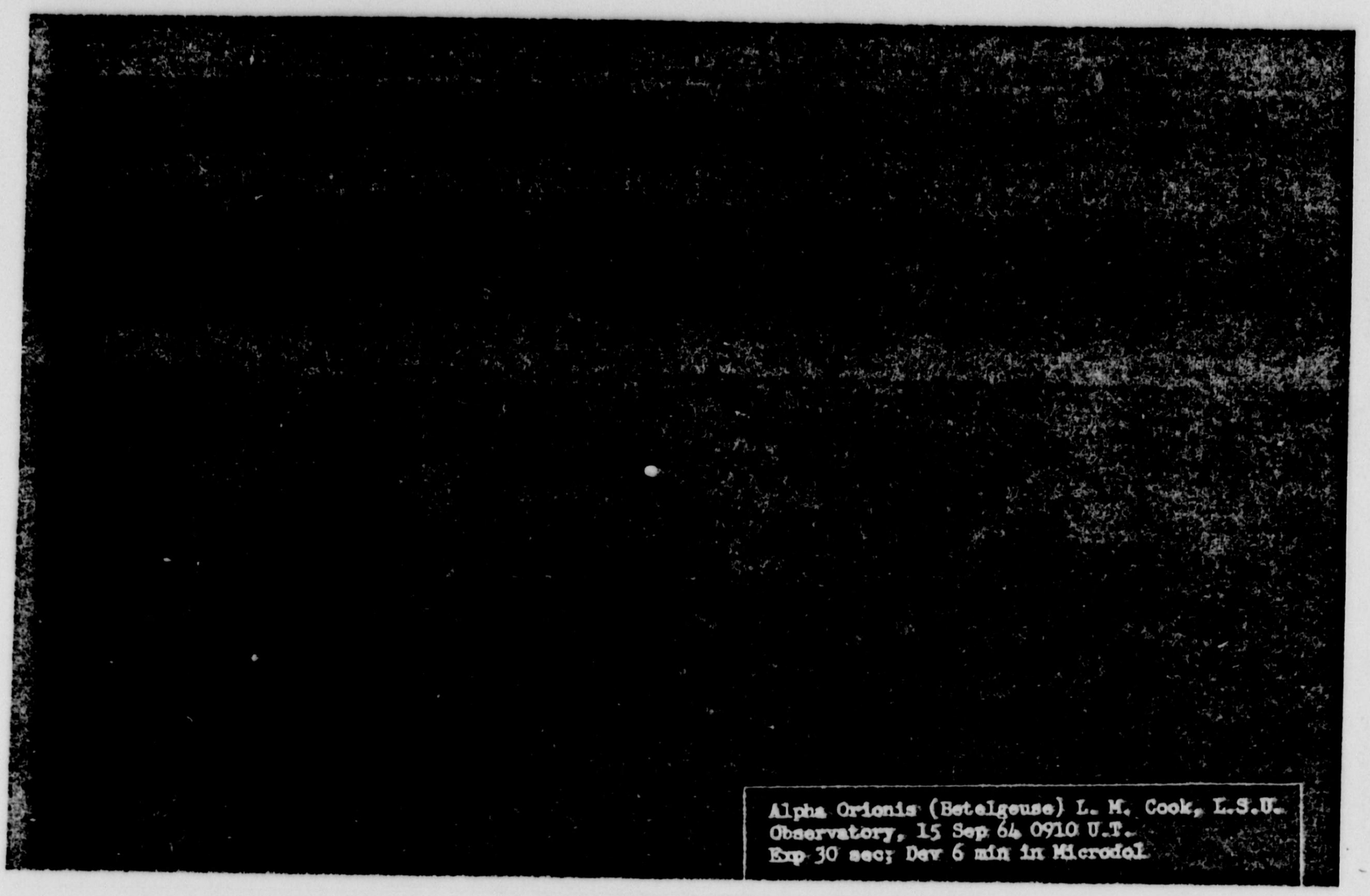
Atkinson recapped UFO sightings in his article, including the Gile sighting and the sighting of a "round, luminous object flying with jet-like speed" over Lake Pontchartrain on August 8, 1949 by District Judge Pliver P. Schulingkamp. then Assistant District Attorney. It was trailing brilliant orange gaseous matter, moving southwest in the general direction of Michoid.

LOUISIANA, 14-15 Sep 64

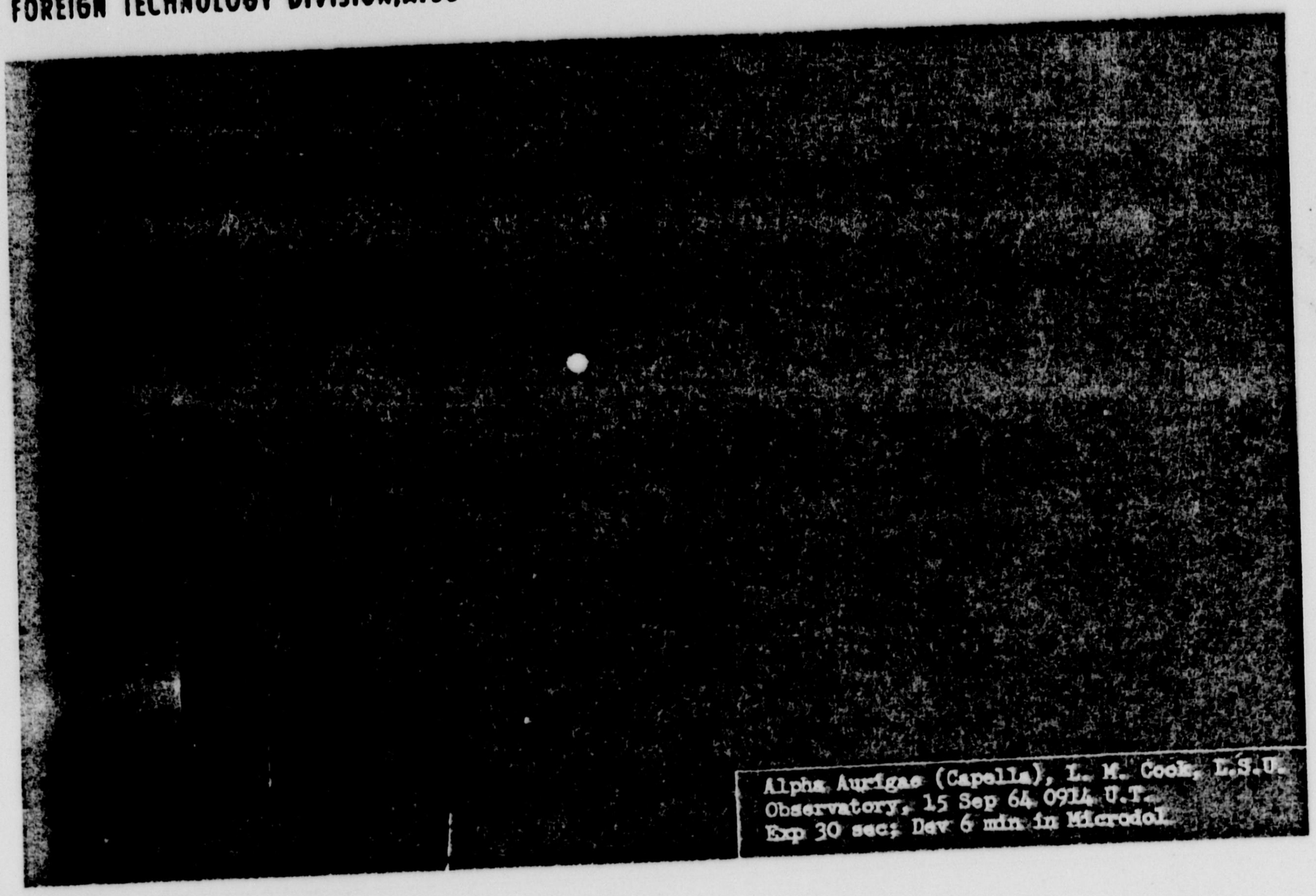
2 SLIDES, photos, &

negATIVES OF STARS


Alpha Aurigae (Capella), L. M. Cook, L.S.U.
Observatory, 15 Sep 64 0914 U.T.
Exp 30 sec; Dev 6 min in Microdol


Alpha Orionis (Betelgeuse) L. M. Cook, L.S.U.
Observatory, 15 Sep 64 0910 U.T.
Exp 30 sec; Dev 6 min in Microdol

duplicates
of negatives


Alpha Aurigae (Capella), L. M. Cook, L.S.U.
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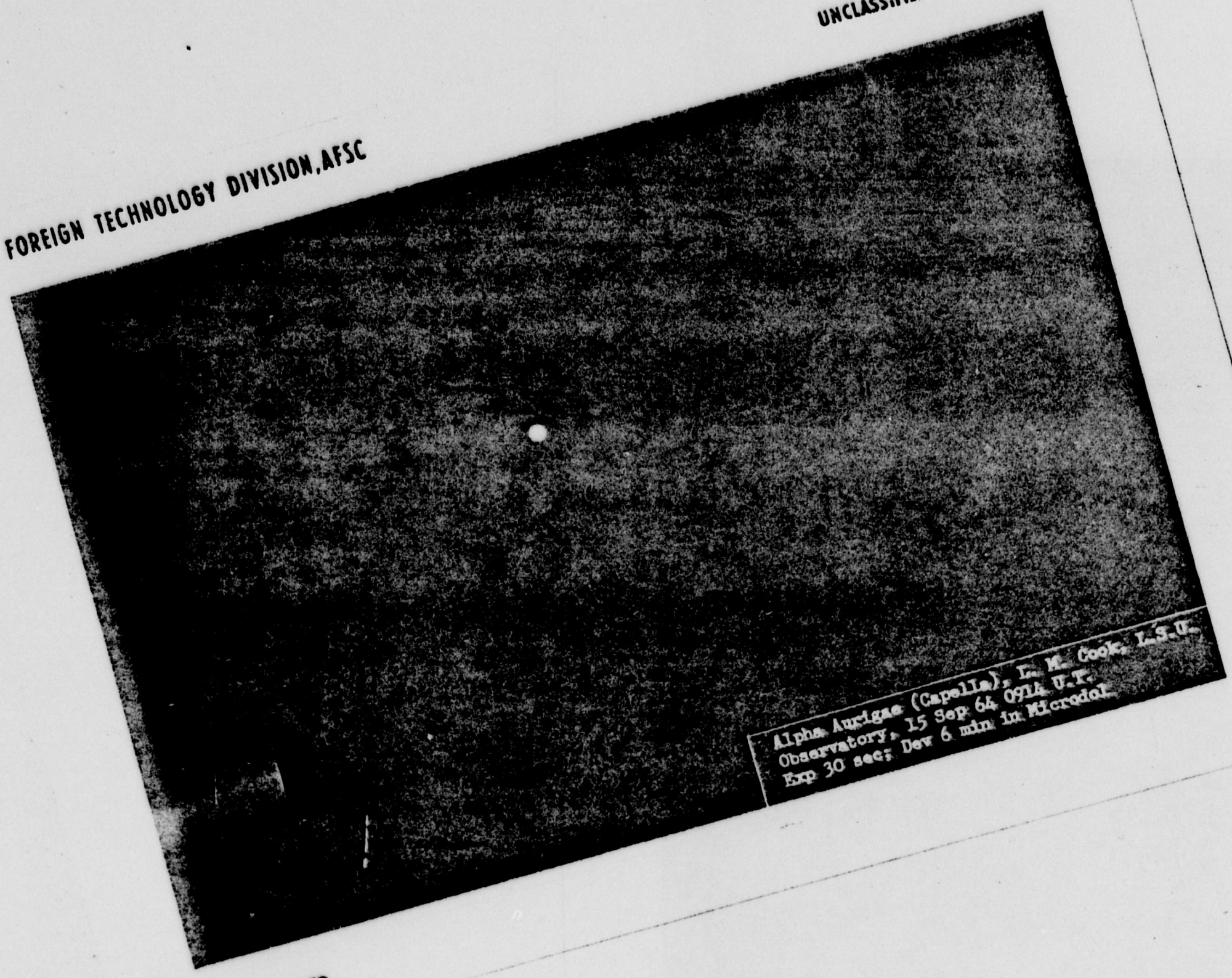
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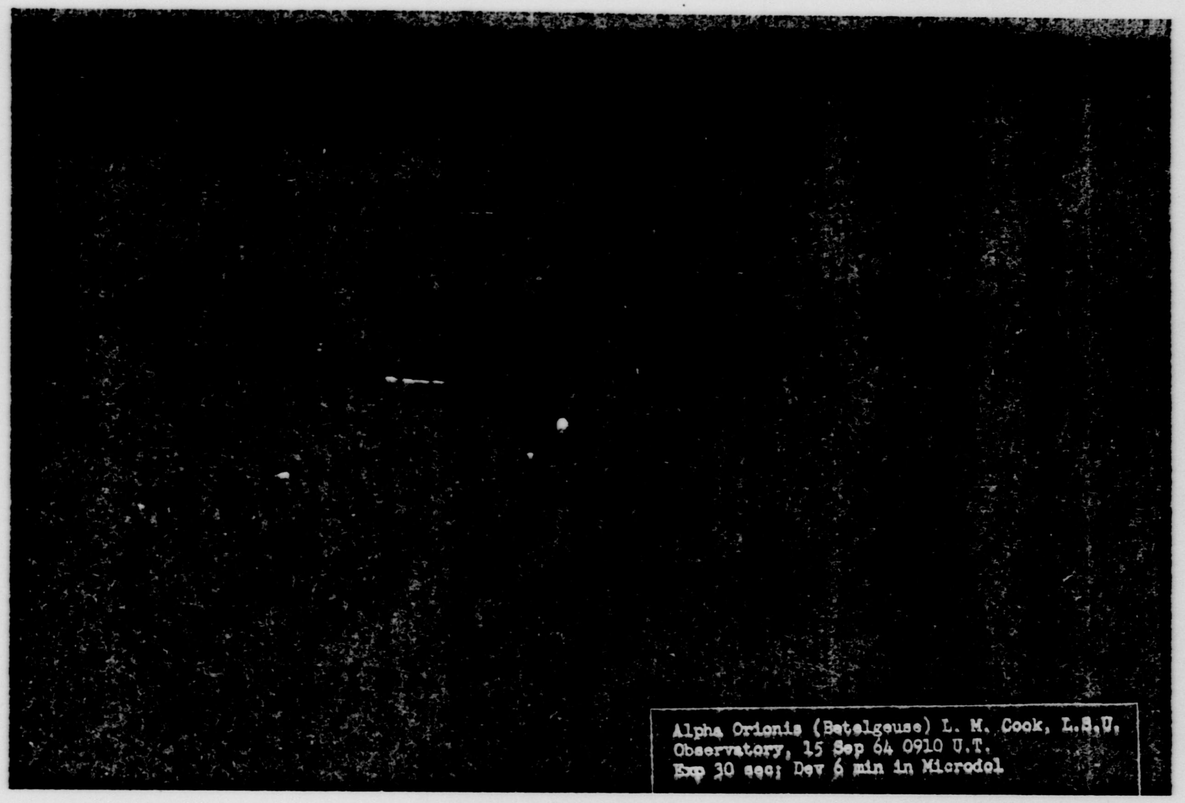
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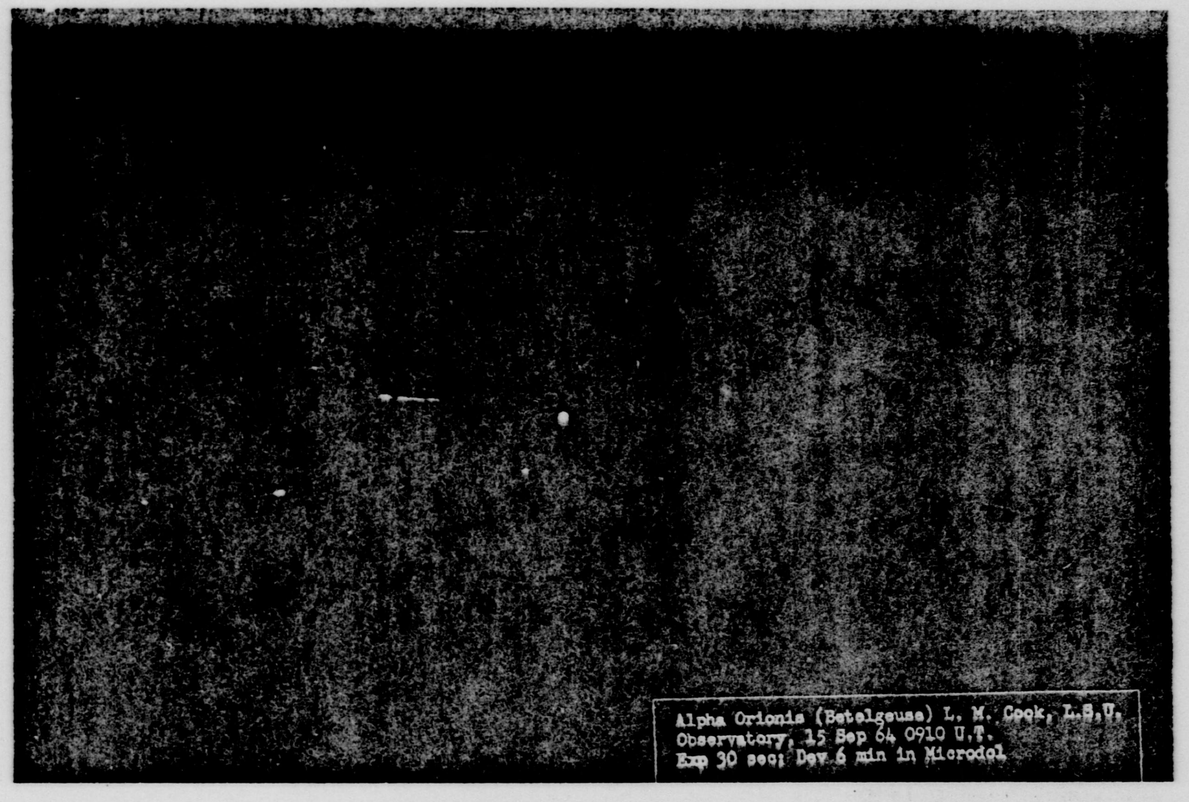
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