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CENTRAL INTELLIGENCE AGENCY

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INFORMATION REPORT

SECRET
SECURITY INFORMATION

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COUNTRY	USSR (Kalinin Oblast)	REPORT	[Redacted]
SUBJECT	Description of the EF-150 Aircraft	DATE DISTR.	22 October 1953
DATE OF INFO.	[Redacted]	NO. OF PAGES	13 50X1-HUM
PLACE ACQUIRED	[Redacted]	REQUIREMENT	[Redacted]
		REFERENCES	[Redacted] 50X1

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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STATE	#x	ARMY	#x	NAVY	#x	AIR	#x	FBI	AEC	OSI	Ev	x	[Redacted]	x
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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

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REPORT

[Redacted]

[Redacted]

COUNTRY : USSR (Kalinin Oblast)

DATE DISTR. 15 SEPT 53

SUBJECT : Description of the EP-150 Aircraft

NO. OF PAGES 12

PLACE ACQUIRED:

NO. OF ENCLS. (LISTED BELOW)

DATE ACQUIRED

SUPPLEMENT TO REPORT NO. 50X1-HUM

DATE OF IN

[Redacted]

THIS IS UNEVALUATED INFORMATION

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SEATING ARRANGEMENT [As shown on page 4]

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1. The aircraft commander-bombardier occupied the forward most position in the aircraft. There was not a second set of controls at the commander's position. [Redacted] the three instruments located at the commander's position [Redacted] refer to them as "bombing devices". [Redacted]

[Redacted] the pilot's instrument panel was about one meter wide and one meter high. The instrument panel was not adjustable, nor could the seat be raised or lowered. [Redacted]

[Redacted] the throttles were conveniently located at the left side of the pilot's seat. When standing in the navigator's compartment, an average-size man could stand erect and the navigation device would be at eye level. The radio operator faced to the rear of the craft and had easy access to the periscopes. [Redacted]

[Redacted] the radio operator was also the turret operator.

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Cockpit Bayout

2. The sixth sketch [on page 9] shows a top view of the compartment forward of station No. 14.

[redacted] the Soviet engineers required the turret to have a very slow rate of turn.

Radio Compartment

3. A front view of the radio operator's compartment and relative position of the periscope is shown on another sketch [page 5]. The Russian letters "RSD" were printed on the radio transmitter.

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Main Beam [See page 12]

4. [redacted] the bomb bay doors [redacted] retracted upward and into the fuselage.

SIDE VIEW OF THE EF-150

5. The position of the tail gunner, the relative position of all thirty-six stations, and the basic fuselage form is shown [on page 11]. The tail gunner entered through the bomb bay and went to his position via a cat walk.

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FRONT AND TOP VIEWS OF THE EF-150

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6. The EF-150 did not have a pod type engine nacelle. [redacted] the aircraft had a rigid wing with five degrees positive dihedral. [redacted] the outrigger wheels were at the very tip of each wing. [See page 10, a sketch of the front and top view of the EF-150.]

GENERAL VIEWS OF THE EF-150 [See pages 6, 7, and 8.]

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7. [redacted] the EF-150 had never been removed from the hangar. [redacted] a group of Soviet mechanics, supervised by several officers, removed the engines and replaced them with two new ones. The new engines were removed from crates which were hauled to the hangar by a truck. [redacted] the entire operation took less than two days.

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8. Concerning a test field for the EF-150, there was no field available near the hangar. [redacted] the EF-150 would be loaded on a barge and taken to a field, forty kilometers from its location. This was the procedure used for the EF-140.

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9. [redacted] the EF-150 would be modified so as to be usable for reconnaissance and cargo. [redacted] [redacted] believed it to be virtually impossible.

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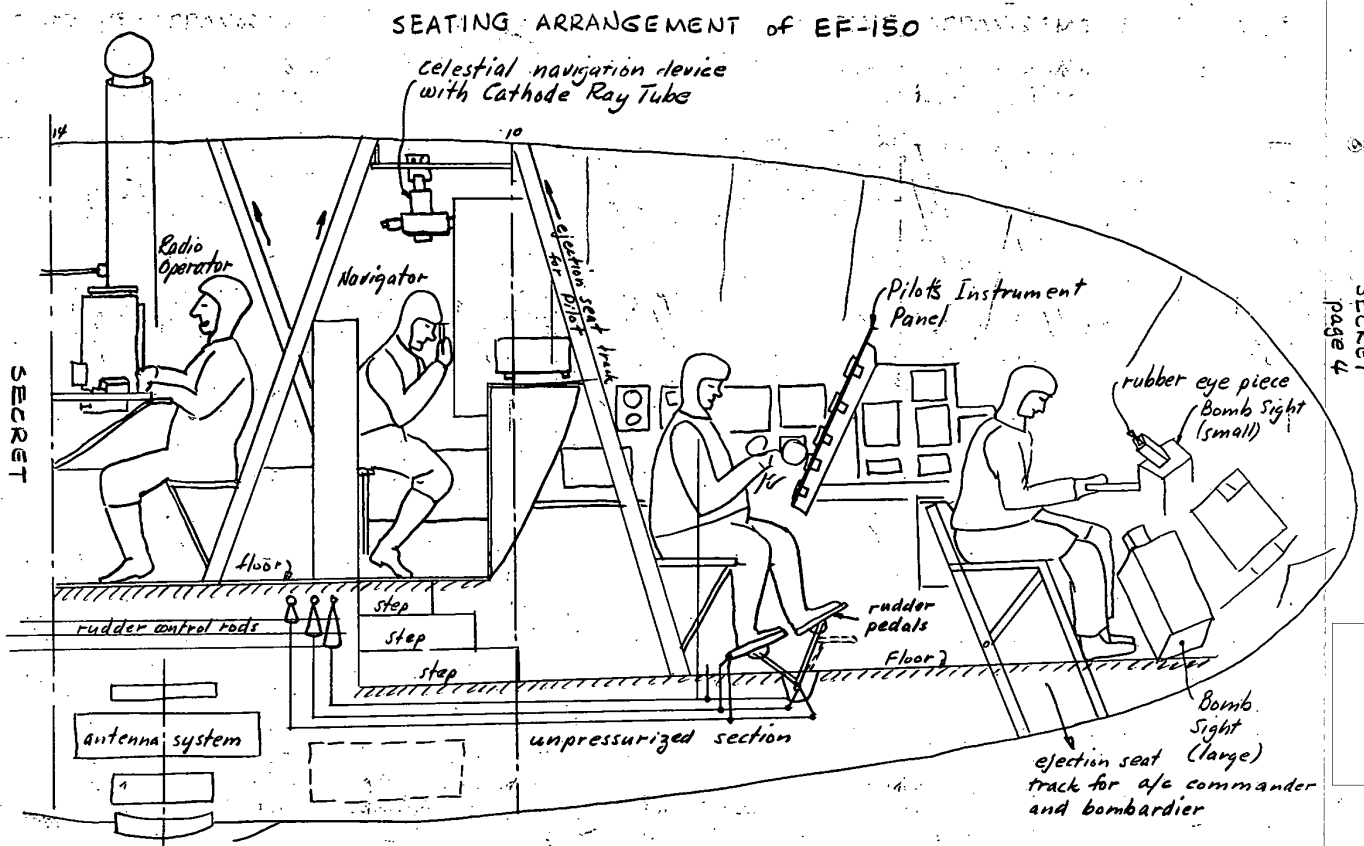
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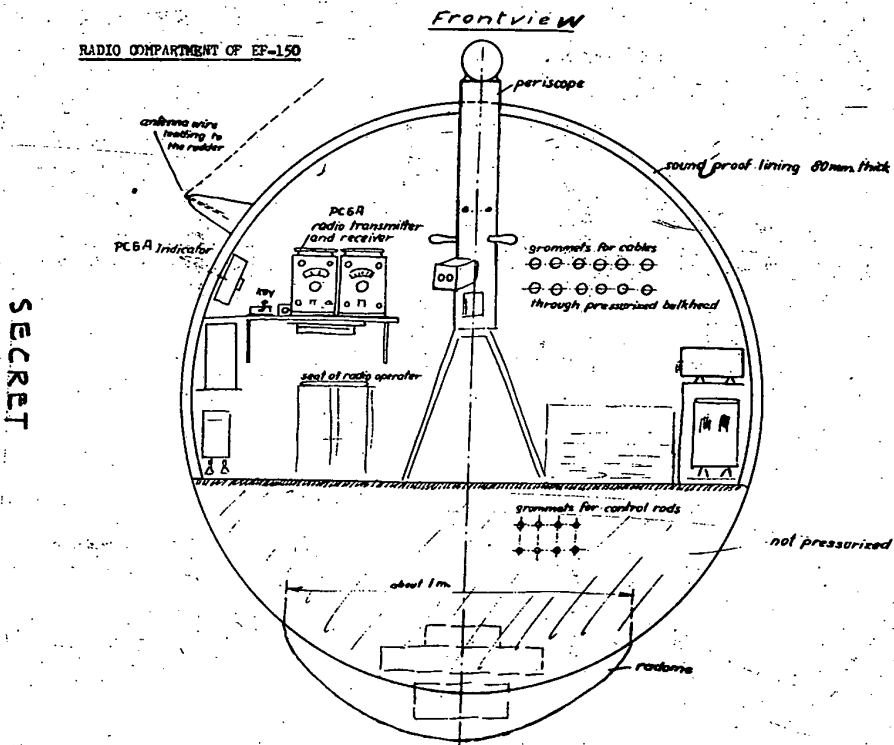
10. [redacted] 50X1-HUM

[redacted] the tail gunner had two guns
and [redacted] the top turret was equipped with two guns. [redacted]
the periscope could be retracted, but no provisions were made to
retract the top turret for stowage.

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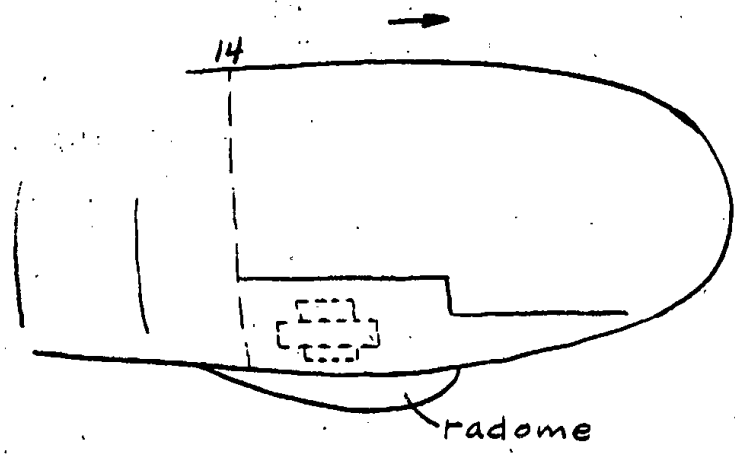
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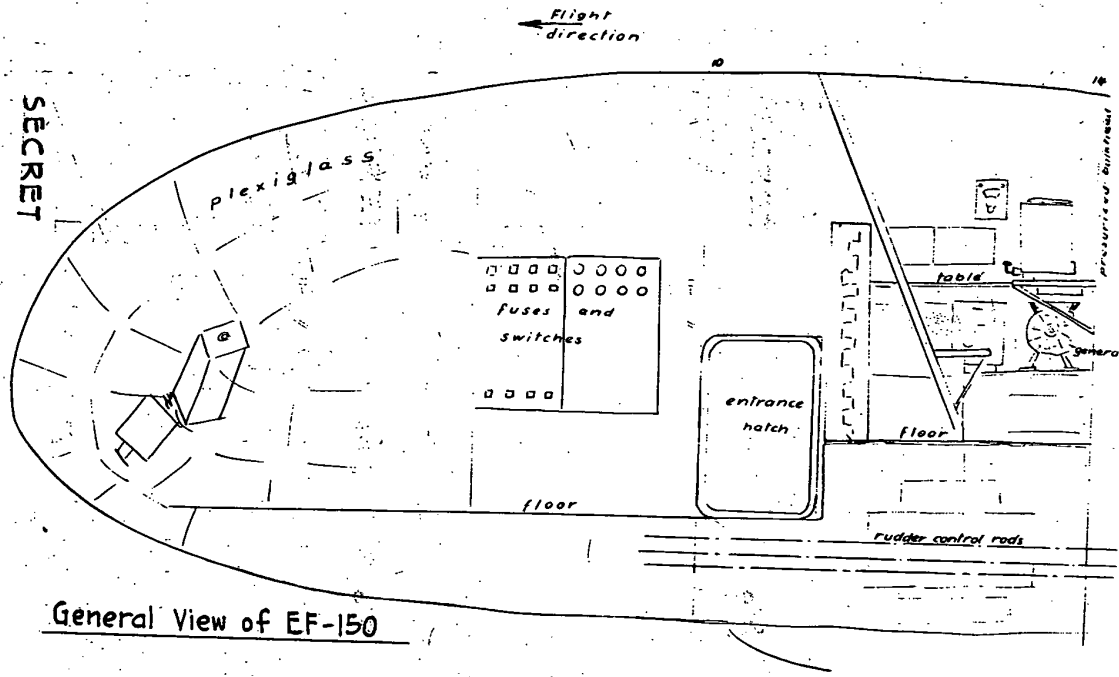
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RADOME of EF-150

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General View of EF-150

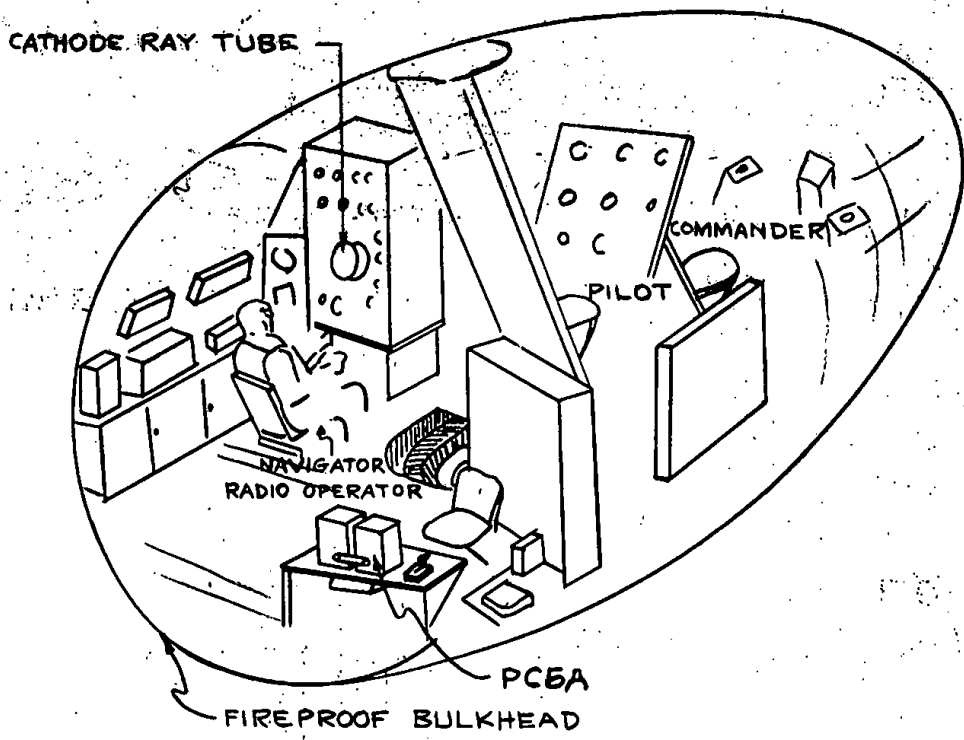
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INTERIOR VIEW OF THE PILOT'S COMPARTMENT
OF THE EF-150

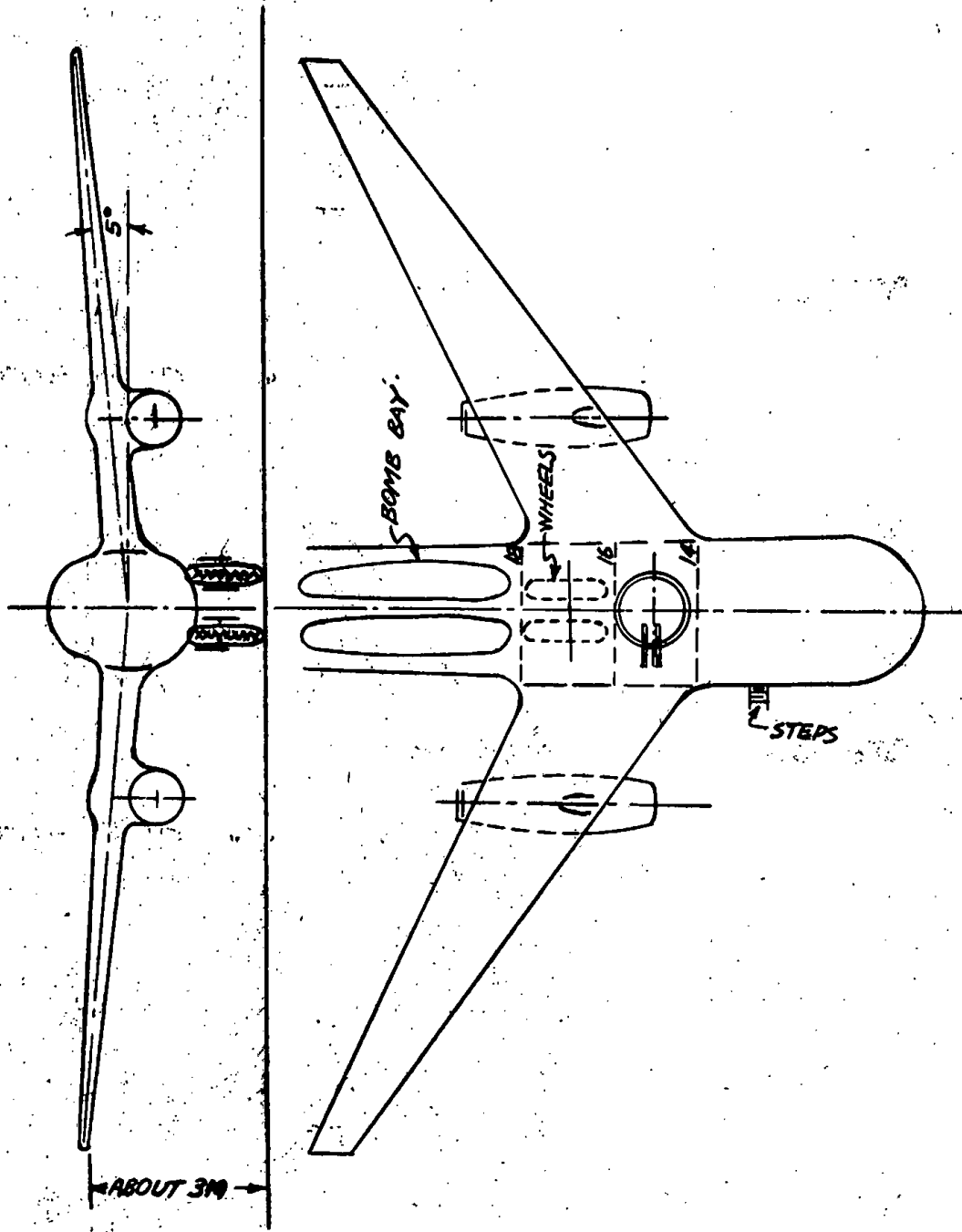
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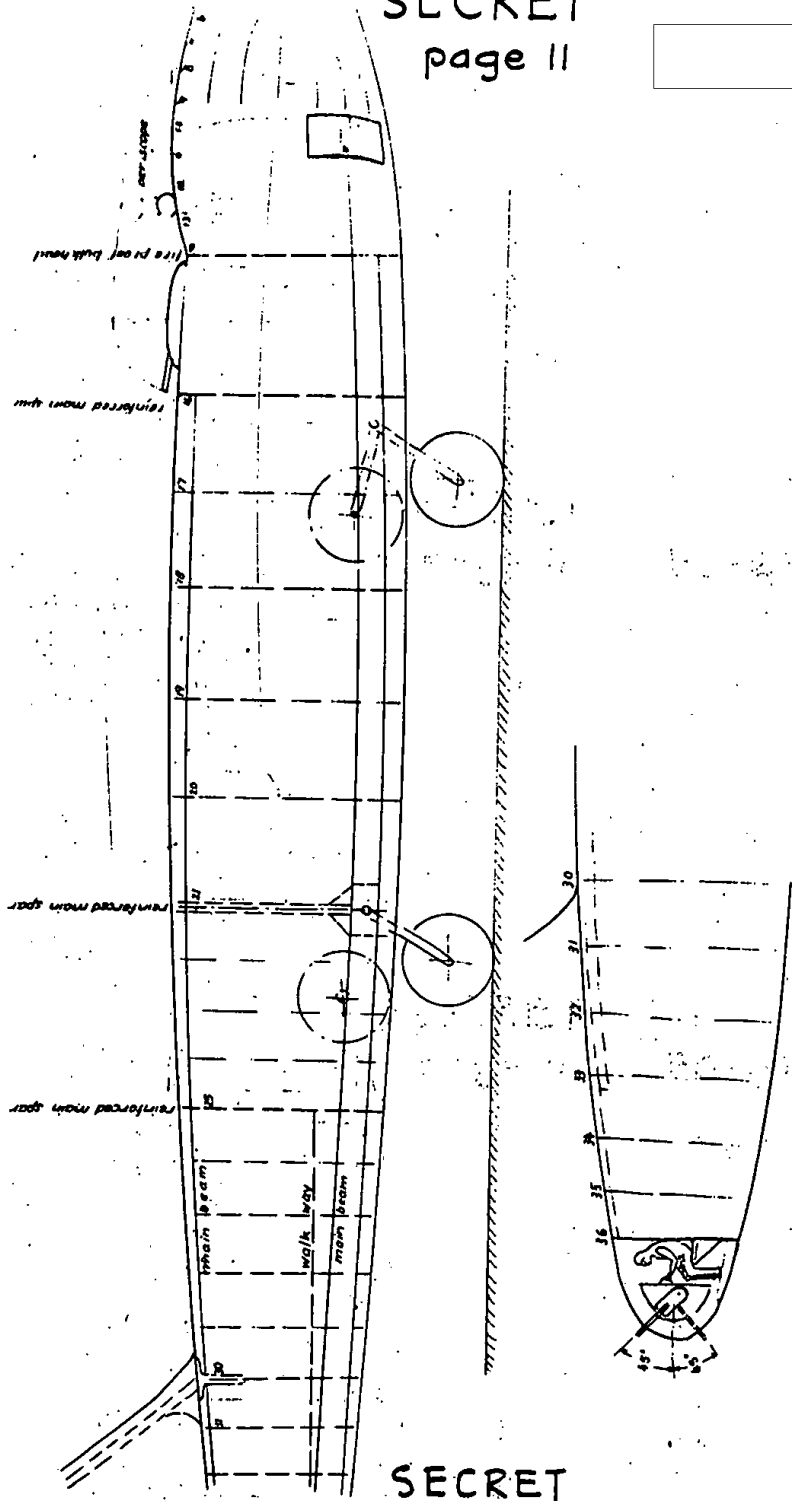
TOP AND FRONT VIEW OF EF-150

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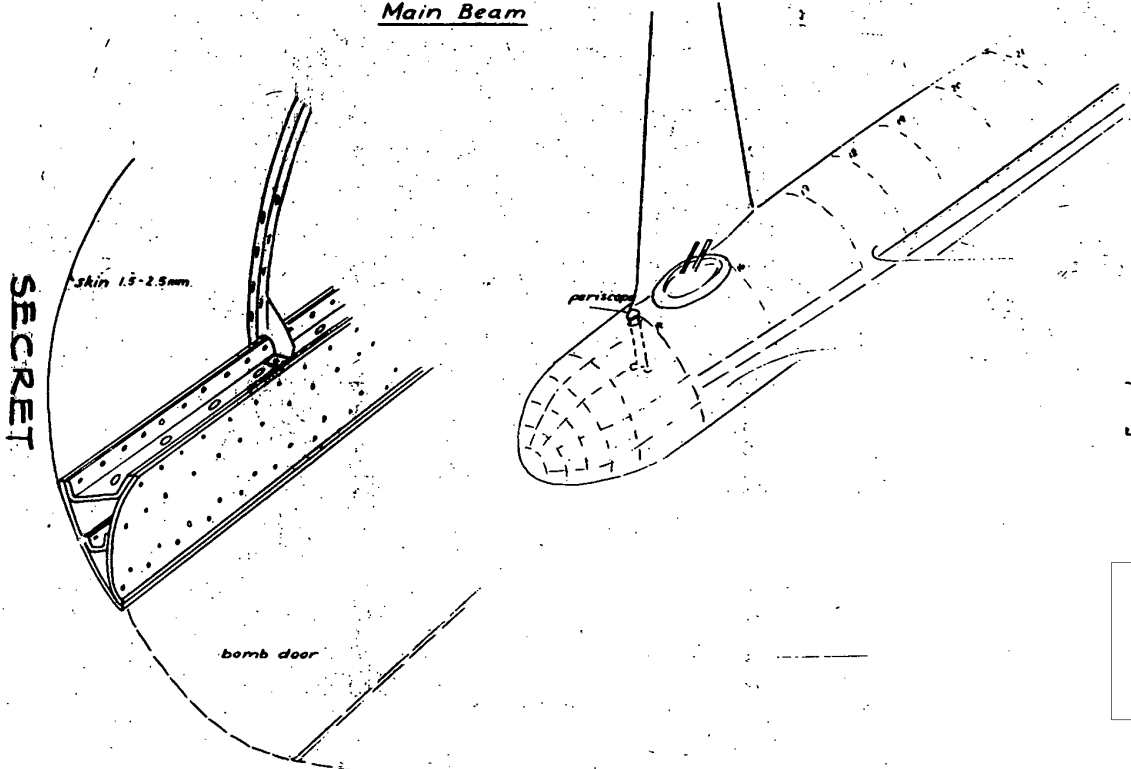
SIDE VIEW OF EF-150



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DETAILED DRAWING AND LOCATION OF MAIN BEAM OF SF4150

Main Beam



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