

SECRET
~~UNCLASSIFIED~~
~~C-105 MK~~
~~NON CLASSIFIED~~

FL 113-55/11

Report # 7-0425-20 Issue 10
Sheet # 1
Prepared By: K. Griffin
Checked By: E. Burnett

C. G. ENVELOPES WITH J75 A25 & PS 13 ENGINES

FITTED & FULL MK 1179 RADAR

Radio & Radar allowance carried in 7-0400-05 Issue 21 is as outlined in 7-0400-05 Issue 14 (2,908 lb.)

The effect of installing different Engines is shown on the attached C. G. Envelopes.

Curve (1) - J75 A25 Engines (Engine C.G. at Sta. 664.26 ins.)
(6,175 lb each).

Curve (2) - PS 13 Engines (Engine C.G. at Sta. 691.75 ins.)
(4,500 lb each).

N.B. The assumption is made that the basic aircraft remains unaltered irrespective of Engine installation.

Classification cancelled / changed to: UNCLASSIFIED

By authority of: DRDA 7/DARFT 5-8/DAS Eng 6-4-5

Date: 5 Nov 1992

Signature: B. Aubrey

Unit / Rank / Appointment: DSIS 3, Secretary CRAD HQ DRP



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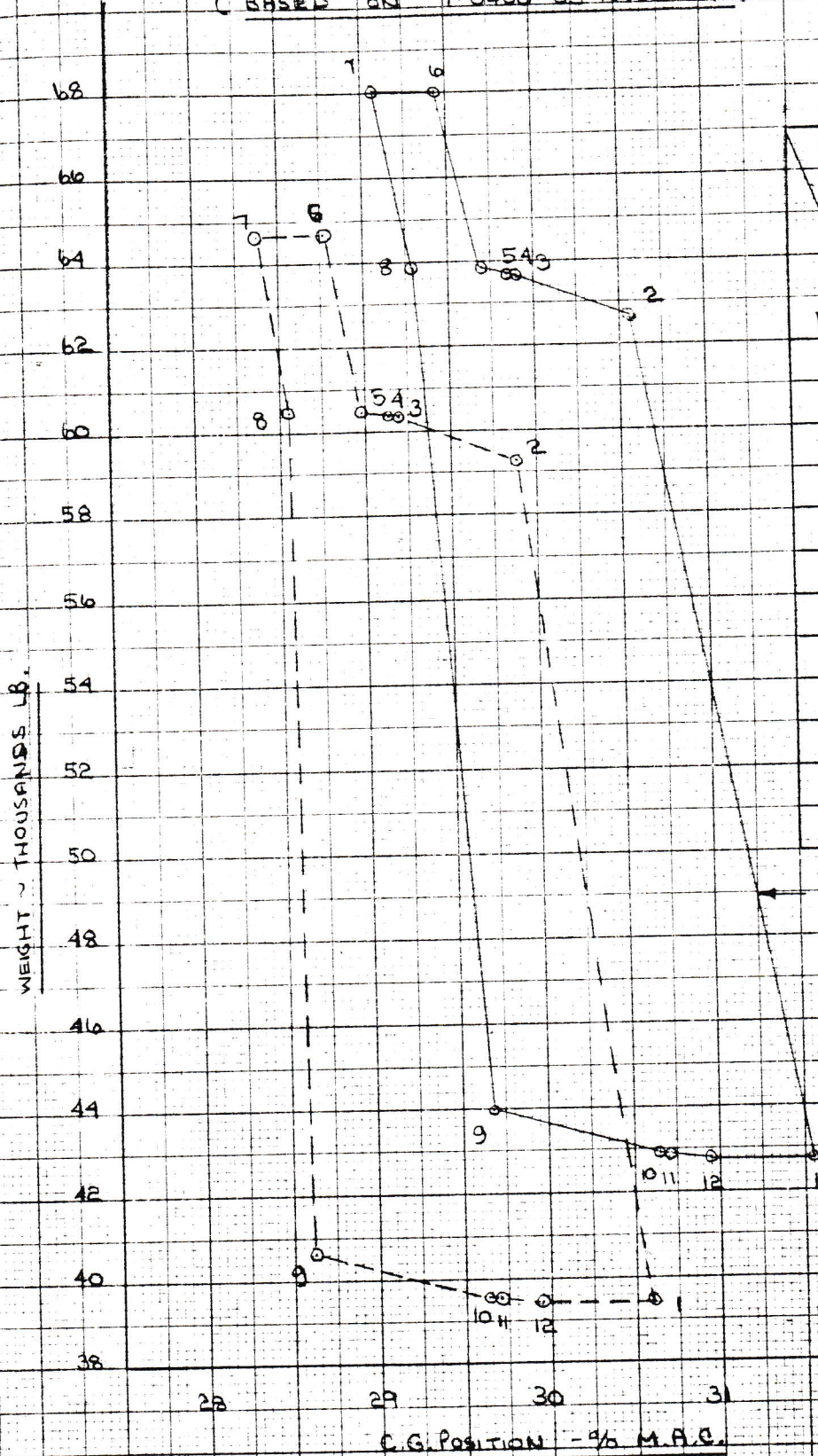
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CLOS A/C C.G. ENVELOPES
WITH MX1179 RADAR INSTALLED

Kathleen Lyffu
DATE: May 30, 1955

COMPARISON OF EFFECTS OF POSSIBLE ENGINE INSTALLATIONS
(BASED ON 7-0400-05 ISSUE 21)



CONDITION	MAX INT FUEL	EXT FUEL & TANK	MISSILES	DIGGING FLUID	WATER	1/4 UP	1/4 DOWN
No.							
1							*
2	*						*
3	*		*				*
4	*		*	*			*
5	*		*	*	*		*
6	*	*	*	*	*		*
7	*	*	*	*	*	*	
8	*		*	*	*	*	
9			*	*	*	*	
10				*	*	*	
11					*	*	
12						*	

J75 A25 ENGINES
(6175 LB EACH)

PS1B ENGINES
(4,500 LB EACH)

N.B. WITH J75 A25 ENGINES
194 LB BALLAST AT STA 120
IS NECESSARY TO BRING
POINT ① TO THE AFT
LIMIT 12 31% M.A.C.

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