

February 7, 1946

TYPE A-26B Light Bomber PROJECT No. _____
Contractor Douglas No. on Contract 3200
Contract Number W535-ac-31133 Estimated Flight Date _____
Spec. No. XC-220-3A

I. POWER PLANT

- (1) Number of Engines 2 (Mfr. & Type Engine) P&W - R-2800-27 or 71
(2) Supercharger Single stage, 2 speed geared superchargers
(3) Propeller Hamilton Standard, constant speed hydromatic, full feathering, 3 blade, 12'-7" diam. Red. Gear Ratio 2:1

(4) Engine Ratings:	THRUST	B. H. P.	R. P. M. (Eng.)	FT. ALT.
a. Take Off		2000	2700	S.L.
b. Military		2000(1600)	2700(2700)	1500(13,500)
c. Normal		1600(1450)	2400(2400)	5700(13,000)
d. War Emergency		2340	2700	S.L.

II. PERFORMANCE

(1) Speed in Level Flight	M. P. H.	ALT. FEET	THRUST OR B. H. P.	
a. High Speed - critical alt	353	16,850	3200	
b. High Speed - sea level	340	S.L.	4000	
(2) Rate of Climb	FT/MIN	ALT. FEET	WEIGHT	
a. War Emergency Power	-	-	-	
b. Military Power	2750	S.L.	-	
(3) Time to Climb	MIN.	ALT. FEET	WEIGHT	
a. War Emergency Power	-	-	-	
b. Military Power	2.0	15,000	-	
(4) Range	MILES	M. P. H.	FUEL GALS.	CARGO OR BOMBS LBS.
a. Design Gr. Wt.	690	2000 bhp.	1440	-
b. Design Gr. Wt.	-	-	-	-
c. Alt. Gr. Wt.	3210	197 mph.	1600	-
d. Alt. Gr. Wt.	-	-	-	-
(5) Service Ceiling	FT. ALT.	B. H. P.	WEIGHT	
a. With all Engines	26,900	-	-	
b. With 1/2 Engines	16,300	-	-	
(6) Take-Off & Land Over 50' Obs.	TAKE-OFF	LANDING	WEIGHT	
a. Design Gross Wt.	2195	2303	27,603	
b. Alt. Gross Wt.	-	-	-	

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MODEL DESIGNATION A-26B TYPE Douglas - Light Bomber

III. CHARACTERISTICS

(1) Weight Empty 22,366 lbs. (4) Length 609"
 (2) Design Gr. Wt. 27,603 lbs. (5) Span 70'-0"
 (3) Alt. Gross Wt. - lbs. (6) Wing Area 540.0 (sq. ft.)
 (7) Wing Loading (#/Sq. Ft.) Design Gr. Wt. 751.1 Alt. Gr. Wt. -
 (8) Power Loading (#/BHP) at Mil. Power -

IV. ARMAMENT

(1) Guns and Cannons:	No.	Cal.	Type or Position	Rds per Gun
a. Normal				
	6	.50	Nose - Fixed	400
	2	.50	Upper turret - Flexible	500
	2	.50	Lower turret - Flexible	500
	(4 or 8)	.50	Wings - Fixed Package guns	300
b. Alternate				
	6	.50	Nose - Fixed	400
	6	.50	Wings - Fixed	300
	2	.50	Upper turret - Flexible	500
	2	.50	Lower turret - Flexible	500

(2) Bombs, Rockets	No.	Size
	4	1000 or
	6	500 or
	8	250 or
	16	100 internal capacity

V. CREW Normal 3 Alternate -

VI. SPECIAL FEATURES:

All fixed guns operated by pilot, all flexible guns operated remotely by gunner-observer.

VII. NOTES

Complete radio equipment.