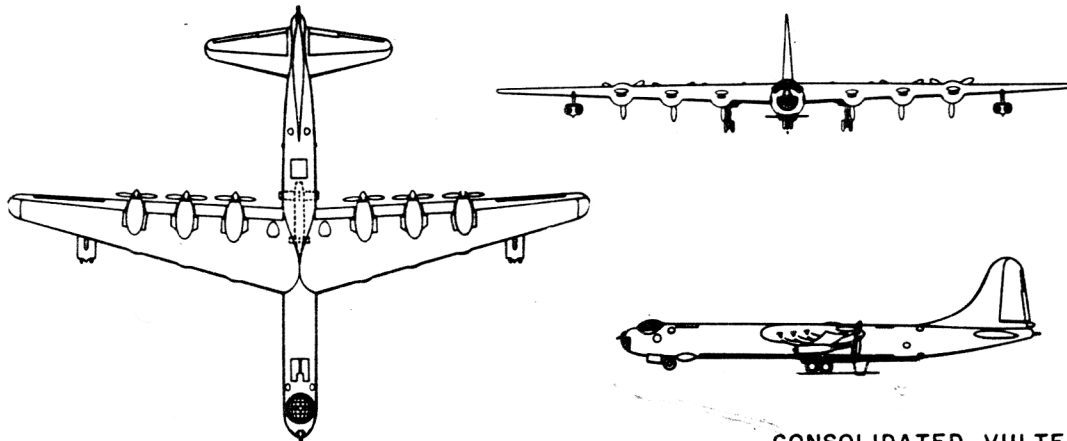


Characteristics Summary

DIRECTOR DB-36H(II)



CONSOLIDATED-VULTEE

Wing Area 4772 sq ft Length 162.1 ft
Span 230.0 ft Height 46.8 ft

AVAILABILITY

PROCUREMENT

Number available

Number to be delivered in fiscal years

ACTIVE	RESERVE	TOTAL				

STATUS

1. Major differences of the DB-36H from the B-36H are fairings in lieu of aft bomb bay doors, removal of all bomb racks, and the installation of GAM-63 supporting structures, release mechanism, and guidance equipment in the bomb bays.
 2. First Flight Prototype with GAM-63: Jul 53
 3. First Delivery: Mar 56 (est)
 4. Production Completion: Aug 56 (est)
- Navy Equivalent: None

Mfr's Model: 36

POWER PLANT

(6) R-4360-53
Pratt & Whitney

ENGINE RATINGS

BHP - RPM - ALT - MIN

T.O: *3800 - 2800 - SL - 5
Mil: *3800 - 2800 - Turbo - 30
3500 - 2800 - Turbo - 30
Nor: 2800 - 2600 - Turbo -
*Wet Cont

plus
(4) J47-GE-19
General Electric

S.L. LB - RPM - MIN
Max: 5200 - 7950 - 5
Mil: 5200 - 7950 - 30
Nor: 4730 - 7630 - Cont

FEATURES

Crew 15
Cabin Pressurization
Thermal Anti-icing
K-3A Bomb-Nav. System
AN/APG-41A Gun-Laying
Radar
Chaff Dispenser
DB-36H/GAM-63 Guidance
Equipment
Loran
Convertibility to Bomber
Configuration
Defensive ECM
Single-Point Fueling
Fuel Tank Purging
Removable Jet Pods

Max Fuel Cap: 30,630 gal

ARMAMENT

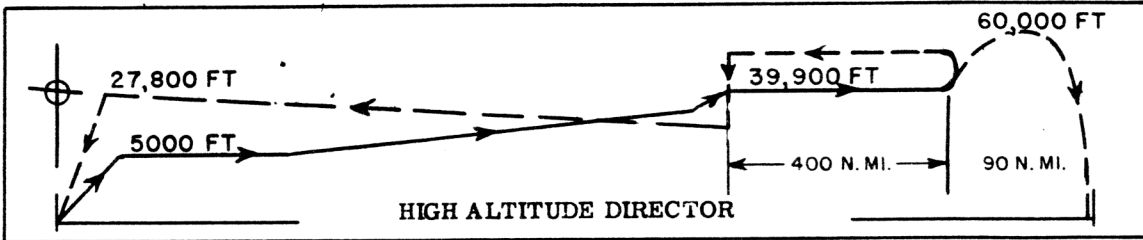
Turrets 8
Guns . . . 16x20mm(M24A1)
Ammunition (tot). 9200 rds
BOMBS:
No. Class(lb)
GAM-63 Pilotless Aircraft

Gross Weight 18,200
Warhead 3000

For additional characteristics and performance data for GAM-63, see "GAM-63 Standard Aircraft Characteristics Summary"

Unclassified
 Classification cancelled
 or changed to
 CONFIDENTIAL
 AFSG-AFDC Sec. Class. Guide 1 June 64
 By R. Somelborn 146064
 Signature and Grade
 21 Feb 1964
 5 Jan 68
 13 Dec 56

Characteristics Summary Basic Mission . . . DB-36H(II)



PERFORMANCE		
COMBAT RADIUS	FERRY RANGE	S P E E D
2560 naut. mi with 19,608 lb payload at 202 knots avg. in 24.04 hours.	6555 naut. mi with 29,866 gal fuel at 192 knots avg. in 34.2 hours at 370,000 lb T.O. wt.	COMBAT 361 knots at 39,900 ft alt, max power MAX 363 knots at 37,500 ft alt, max power BASIC 362 knots at 25,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
930 fpm sea level, take-off weight normal power	32,750 ft 100 fpm, take-off weight normal power	ground run 3990 ft _____ ft no assist assisted
2160 fpm sea level, combat weight maximum power	40,600 ft 500 fpm, combat weight maximum power	over 50 ft height 5110 ft _____ ft no assist assisted
L O A D	W E I G H T S	S T A L L I N G S P E E D
GAM-63 18,200 lb Chaff 1408 lb Ammunition (tot) 9200 rds/20mm Fuel: 26,598 gal protected(part) 47.0 % droppable 0 % external 0 %	Empty 170,512 lb Combat . . . 252,600 lb Take - off 370,000 lb limited by structure	107 knots power-off, landing config- uration, take-off weight
		T I M E T O C L I M B

N O T E S

1. Performance Basis:
 (a) Calculations based on flight test of YDB-36H.
 (b) Performance of GAM-63 obtained from "GAM-63 Standard Missile Characteristics", dated 27 Apr 55.
 (c) J47 engines used for take-off, all climbs and cruise above 30,000 ft, 15 minute normal power run-in, evasive action and escape from target.

2. Revision Basis: To reflect latest performance due to weight change.