

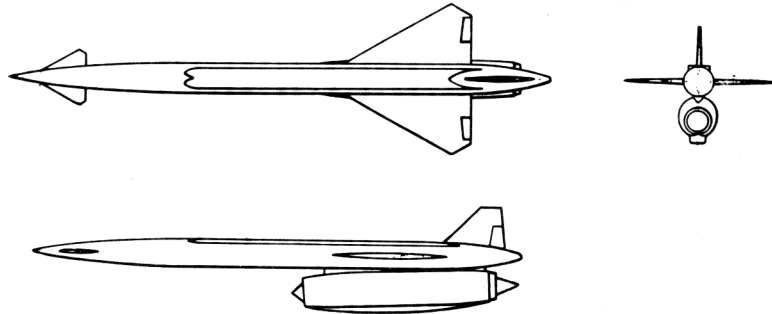
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CA
Hound Dog/Char
AGM-28B

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Characteristics Summary

AIR-TO-SURFACE AGM-28B



"HOUND DOG" (U) NORTH AMERICAN

Wing Area 81.95 sq ft Length 42.5 ft
Span 12.2 ft Height 9.4 ft

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

(U) **STATUS**

1. Program initiated Mar 59	4. First flight May 61
2. Mockup completion Oct 59	5. In production Jun 61
3. Completion of first article Sep 60	6. CAT I Testing complete Feb 62
	7. Production complete Mar 63
	8. Follow-On test complete Oct 63

Navy Equivalent: None Mfr's Model: AS-1

revised 6/79

CLASSIFIED BY AGM-28 SECURITY GUIDE
SUBJECT TO GENERAL DECLASSIFICATION
SCHEDULE OF EXECUTIVE ORDER 11652
AUTOMATICALLY DOWNGRADED AT TWO
YEAR INTERVALS
DECLASSIFIED ON 31 DEC 1978

(U) **POWER PLANT**

(1) J52-P-3
Pratt & Whitney

ENGINE RATINGS

LB -RPM	- MIN
Sea Level Static	
T.O. 7500-9600/11,200 - 5	
**MC 3450-7800/10,000 - Cont	
Mach = .85 @ Sea Level	
*Max 2720-8150/ 10,450 - 30	
Mach = 2.2 @ 55,000 ft	
Max 2490-10,200/12,400- 30	

*Max rated power for free flight only

**MC Max Continuous

(U) **FEATURES**

Same as the basic AGM-28A plus the following:

1. Radar Altimeter (Improved Low-Level capability)
2. Improved Astrotracker (Includes twilight capability)
3. Increased fuel capacity

Max Fuel Cap 337 gal

(U) **GUIDANCE**

Autonavigator NAA N5G
Flight Control Sys NAA P56A

(C) **ACCURACY**

CEP = 3600 ft at 350 n. mi or
5800 ft at 600 n. mi

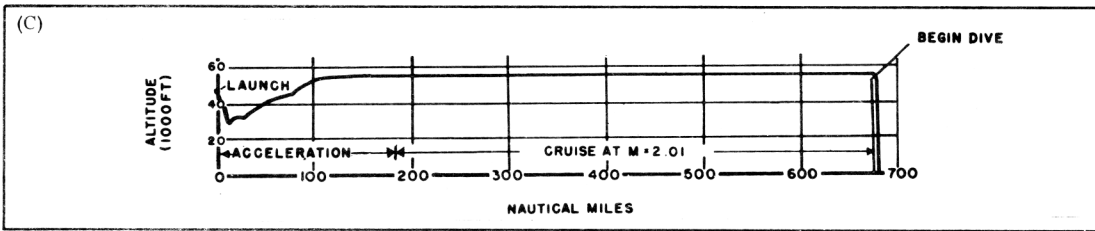
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Characteristics Summary Basic Mission AGM-28B



(C) PERFORMANCE

MISSION	LAUNCH		CRUISE		RANGE (nominal)	FLIGHT TIME	DIVE INITIATE		IMPACT SPEED
	ALT	SPEED	ALT	SPEED			ALT	SPEED	
Design (Hi-Hi) ①	45,000 Ft	.85 Mach	56,200 Ft	2.01 Mach	683 Mi	37.6 Min	56,200 Ft	2.01 Mach	1.11 Mach
Alternate I (Hi-Lo) ②	45,000 Ft	.85 Mach	200 to 1500 Ft	.83 Mach	378 Mi	41.3 Min	No Dive-In Provisions		
Alternate II (Lo-Hi) ③	2000 Ft (Min)	.60 Mach	56,200 Ft	2.01 Mach	638 Mi	35.3 Min	56,200 Ft	2.01 Mach	1.11 Mach
Alternate III (Lo-Lo) ④	2000 Ft (Min)	.60 Mach	200 to 1500 Ft	.83 Mach	366 Mi	40.0 Min	No Dive-In Provisions		
99%									
Range * Flt time	① 652 35.6	② 352 38.5	③ 607 33.2	④ 340 37.3	*T.O. Planning (applicable to 99% of all launched)				

(C) L O A D	(C) W E I G H T S	(C) W A R H E A D
Anhydrous Ammonia: Total 30 lb Usable 26 lb JP-4: Total 2255 lb Usable 2195 lb	Empty 6077 lb End Cruise 7926 lb Launch 10,147 lb	Special Store MK-28 Weight 1675 lb Length 60 in. Diameter 20 in. Arming and Fuzing System Barometric with impact backup system (Hi Cruise) Autonavigator signals (Lo Cruise)

(U) N O T E S

- Performance Basis:
 - All performance is for the ARDC standard atmosphere.
 - Hi - Hi = Hi Launch, Hi Cruise; Lo - Lo = Low Launch, Lo Cruise, etc.
- Revision Basis: To reflect security classification in compliance with E.O. 11652.