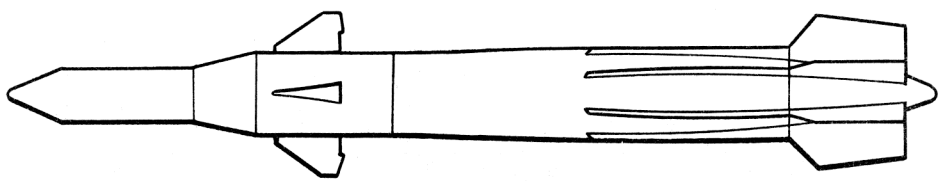


*Unclassified*  
~~CONFIDENTIAL~~ SECRET

C-4  
*Skybolt Paper*

# Characteristics Summary

ALBM. . . . . GAM-87A



DOUGLAS

Length (overall) . . . . . 35.9'    Gross Wt . . . . . 10,930 lb  
 Diameter (max) . . . . . 5.3'

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

**S T A T U S**

Contractor Initiated . . . . . 30 Jan 59  
 GAM-87A is an air-launched ballistic missile designed to fulfill the requirements of SAC and the RAF for a long-range atomic weapon to arm existing bombing forces. Now under initial development, it is planned to be available in the early 60's.

POWER PLANT	
STAGE	I    II
Diameter (in)	36   34
Length (in)	172   40
Weight (lb)	7565   1400
Burn Time (sec)	40   40
Specific Imp	255   255
Oper. Press. (PSIA)	500   1000
PROPELLANTS	
Phase I	
65% Ammonium Perchlorate	
17% Aluminum	
18% Polyurethane	
Phase II	
55% Ammonium Perchlorate	
20% Aluminum	
25% Nitro Plasticized Polyurethane	
75% Solids	

F E A T U R E S
Canard Configuration
Interchangeable warheads
Carrier Aircraft
B-52
B-70
British V Bombers
CEP = 3000 ft for 1000 n mi

GUIDANCE
Non-radiating, all inertial, stellar alignment prior to launch

CLASSIFICATION CANCELLED  
 (OR CHANGED TO *Unclassified*)  
 BY AUTHORITY OF DOD DIR 5200.10  
 (INDIVIDUAL OR ORGANIZATION)  
*Clairaw M. White 22 Mar 73*  
 (DATE OF INDIVIDUAL MAKING CHANGE)

*Confidential*  
 (OR CHANGED TO)  
 BY AUTHORITY OF  
 DOWNGRADED AT 3 YEAR INTERVALS;  
 DECLASSIFIED AFTER 12 YEARS.  
 DOD DIR 5200.10  
*a.e. Jonathan 11 Apr 67*

