

A-1  
X-6/CHAN  
(Security Information)

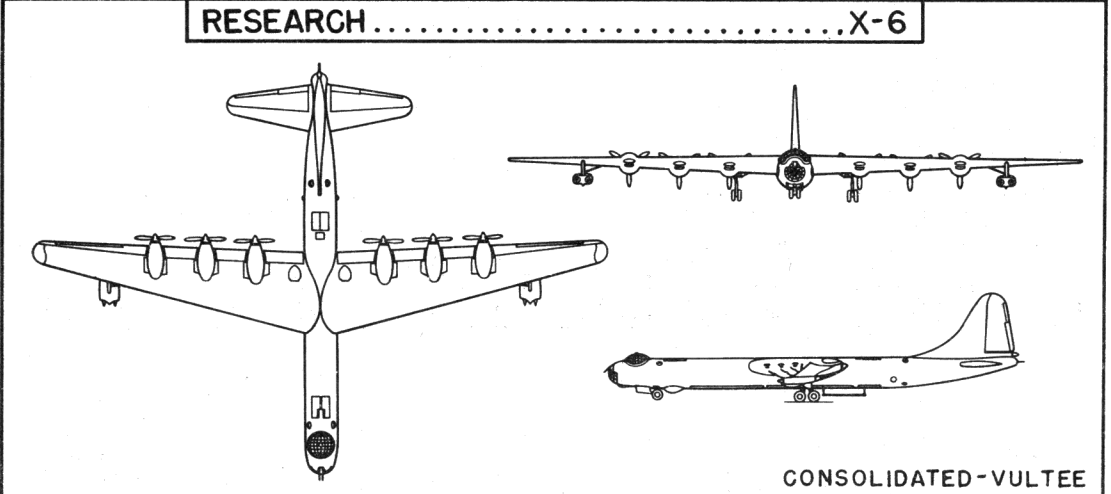
*Unclassified*  
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RESEARCH

*Dzle Fed. 1st Ed. 15 Feb 53, 2nd Ed. Add No 23, 26 Feb 53  
Omit Fed. 3rd Ed. Add No 16, 15 Sept 54*

# Characteristics Summary

RESEARCH.....X-6



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. Letter Contract: 17 Feb 51      Prototype First Flight: Dec 56 (est)  
 2. Definitive Contract: 18 Sep 52      The X-6 is a flight test vehicle for a nuclear power plant.

Navy Equivalent: None      Mfr's Model .....

POWER PLANT	FEATURES	ARMAMENT
A E C      "R E S T R I C T E D      D A T A"		

Classification cancelled  
 or changed to *Unclassified*  
 AUTH: *AJG-AJAC-see Class Guide*  
 By *A. R. Somelora* *6 Sept 64*  
 Signature and Grade *90 Oct. 67*

*DOD Air Spec 10*

5 NOVEMBER 1952

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X-6

*3rd Ed*

*13 March*

*5370C-12000*

*Characteristics Summary Basic Mission* ..... X-6

SEE NOTES

————— COMBAT RADIUS = ————— N. Miles —————

**PERFORMANCE**

<b>COMBAT RADIUS</b>	<b>FERRY RANGE</b>	<b>S P E E D</b>	
naut. mi with lb payload at knots avg. in hours.	naut. mi with gal fuel at knots avg. in hours at lb T.O. wt.	COMBAT ft alt, max power	knots at
		MAX ft alt, max power	knots at
		BASIC ft alt, max power	knots at
<b>C L I M B</b>	<b>C E I L I N G</b>	<b>T A K E - O F F</b>	
fpm sea level, take-off weight normal power	ft 100 fpm, take-off weight normal power	ground run	
		ft no assist	ft assisted
fpm sea level, combat weight maximum power	ft 500 fpm, combat weight maximum power	over 50 ft height	
		ft no assist	ft assisted
<b>L O A D</b>	<b>W E I G H T S</b>	<b>S T A L L I N G S P E E D</b>	
Fuel: protected droppable external Density: lb/gal ( )	gal % % % lb/gal ( )	Empty..... lb	knots
		Combat... lb	power-off, landing config- uration, take-off weight
		Take - off lb	
		limited by	
			<b>T I M E T O C L I M B</b>

**N O T E S**

1. Performance Basis:  
(a) Performance and Weights are AEC "Restricted Data"