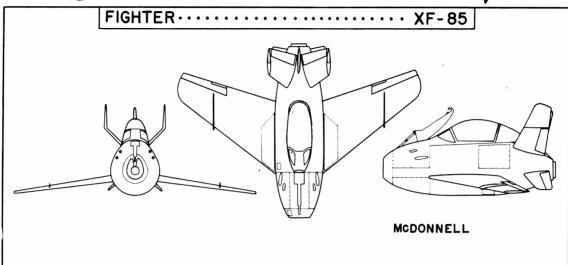
Characteristics Summary



 Wing area
 100.5 sq ft
 Length
 14.8 ft

 Span
 21.1 ft
 Height
 (Flt.Pos. 8.3) (Wgs.Fold. 10.9) ft

AVAILABILITY Number available			PROCUREMENT Number to be delivered in fiscal years					
				,				

STATUS

EXPERIMENTAL

1. Letter of contract date: 16 July 1946

2. Number on contract: Two

3. Contract number: AC-13496

4. First flight: 23 August 1948

POWER PLANT

(1) Turbo-Jet J 34-WE-22 Westinghouse

S.L.Static

LB - RPM

T.O: Max:

7 JUNE 1949

3000 - 12,500 3000 - 12,500 2290 - 11,500

Max: 3000 - 12, Nor: 2290 - 11.

FEATURES

Crew:

Folding Wings

Speed Brakes

Cabin Pressurization

Cabin Heating and Cooling Ejection Seat, Canopy and

Windshield

Sky Hook

Anti "G" Suit Prov.

ARMAMENT

Turrets:

None

Guns:

1

(4) .50 cal

Ammunition:

1200 rds

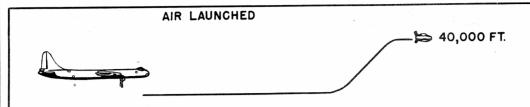
Gun Camera:

AN-N6

CONFIDENTIAL

DOD 111

Characteristics Summary Basic Mission ·····XF-85



PERFORMANCE								
ENDU	COMBA	r speed						
77 minutes at 372	505 knots at 35,000 ft alt, max power							
or	MAXIMUM SPEED							
20 minutes at 49 32 minutes at 372 kno	563 knots at zero ft alt, max power							
CLIMB	CEILING	TAKE	- OFF					
		AIR LAUNCHED						
sea level, take-off weight normal power	ft 100 fpm, take-off weight normal power	ft no assist	ft assisted					
12,500 fpm sea level, .combat weight maximum power	46,750 ft 500 fpm, combat weight maximum power	AIR LA —— ft no assist	UNCHED ft assisted					
L O A D	WEIGHTS	STALLIN	G SPEED					
Ammunition: 1200 rds/.50 cal	Empty 3984 lb Combat 5600 lb	knots flaps down, take-off weight						
	Take - off 5600 lb	TIME TO CLIMB						
Fuel: 115 gal protected 100 % droppable 0 % external 0 %	*Design gross weight	5.1 min. S.L. to 35,000 ft.						

NOTES

- 1. PERFORMANCE BASIS: NACA standard conditions no wind, single airplane;
- 2. Performance based on manufacturer's estimates for design conditions.
- 3. REVISION BASIS: Initial issue