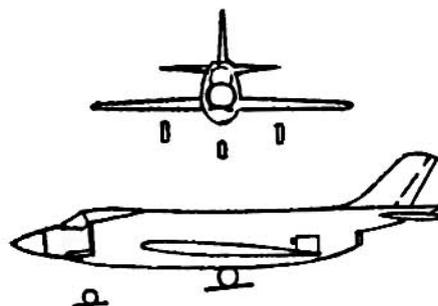
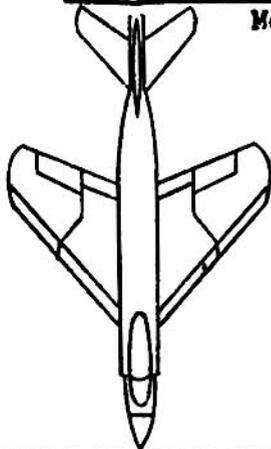


# CHARACTERISTICS SUMMARY

GENERAL PURPOSE AND ESCORT

F3H-2M

McDONNELL "DEMON"



WING AREA 519 sq. ft.

LENGTH 59'

WING SPAN 35' -4"

HEIGHT 14' -7"

AVAILABILITY			PROCUREMENT			
NUMBER AVAILABLE			NUMBER DELIVERED IN FISCAL YEARS			
ACTIVE	RESERVE	TOTAL				

## STATUS

First flight.....September 1955

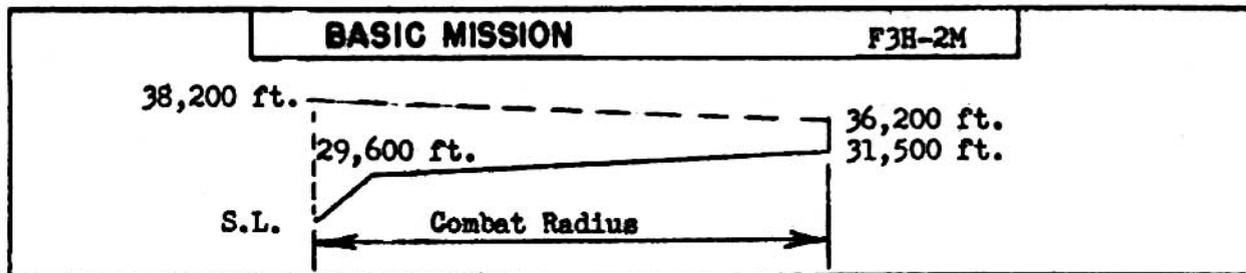
Service use.....April 1956

ENGINES	
1 Allison J71-A-2	
MAX. 14,500	6100 S.S.L.
MIL. 10,200	4100 S.S.L.
NORM. 8,800	6000 S.S.L.
Spec. No. 361-B	

FEATURES
Crew.....1
Automatic pilot
Ejection seat
Plain flaps, leading edge slats.
Fuselage mounted speed brakes, power actuated controls
Fuel Cap. - 1506 Gals.

ARMAMENT			
GUNS			
No.	Size	Location	Rds
4	20mm	Fuselage	600 or 760
4 Sparrow I Missiles			

## CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
294 naut. mi.	819 naut. mi.	613 knots at S.L. ft.
454 knots avg.	454 knots avg.	575 knots at 25,000 ft.
1.7 hrs. Mission Time	2.0 hours	548 knots at 35,000 ft.
		Combat Weight Maximum Power
CLIMB	CEILING	TAKE OFF
4,500 ft./min.	34,600 ft.	3,900 ft., Calm
Sea Level, T. O. wt. Military Power	100 ft./min., T. O. wt. Military Power	No assist Military Thrust
14,450 ft./min.	47,800 ft.	2,625 ft., 25 knot wind
Sea Level, Combat Wt. Maximum Power	500 ft./min. Combat wt., Max. Power	No assist
LOAD	WEIGHTS	STALLING SPEED
Fuel 1,506 gal.	Empty 20,322 lbs.	111.7 knots
fixed 1,506 drop	Combat 27,859 lbs.	Power off Flaps down, T. O. wt.
	Take-off 33,112 lbs.	TIME TO CLIMB
		30,000 ft. in 13.3 min.
		T.O. Wt., Mil. Power

### NOTES

Performance basis: Calculations.

Range and radius based on engine specification fuel consumption data is increased by 5%.

Reason for reissue: No model designation as F3H-3.