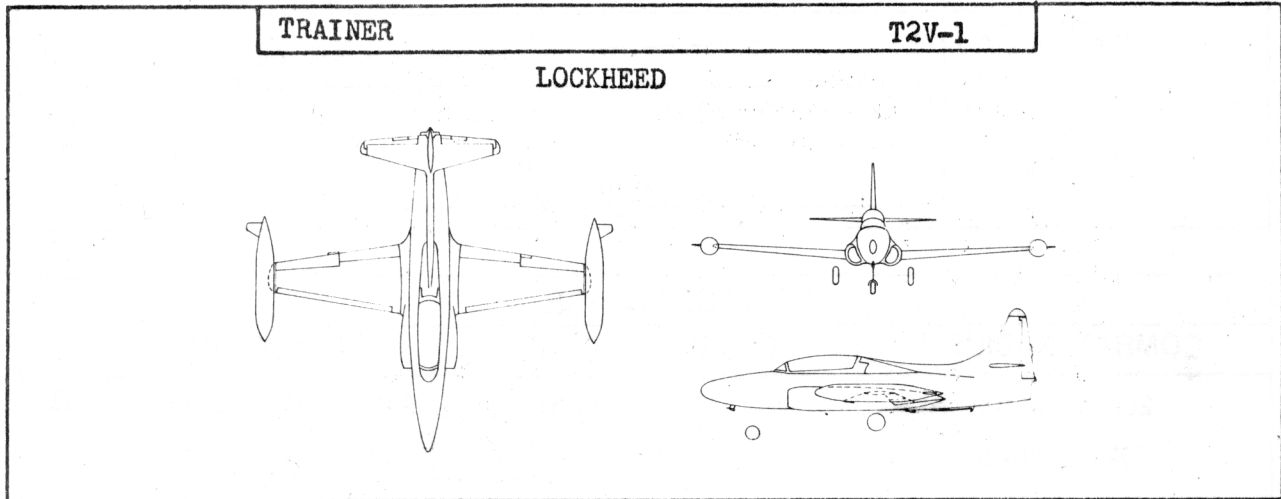


CHARACTERISTICS SUMMARY



WING AREA 233 Sq. Ft.
WING SPAN 37' - 7"

LENGTH 39' - 6"
HEIGHT 12' - 10"

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

STATUS	
First Flight	20 January 1956
Service Use	1 January 1957

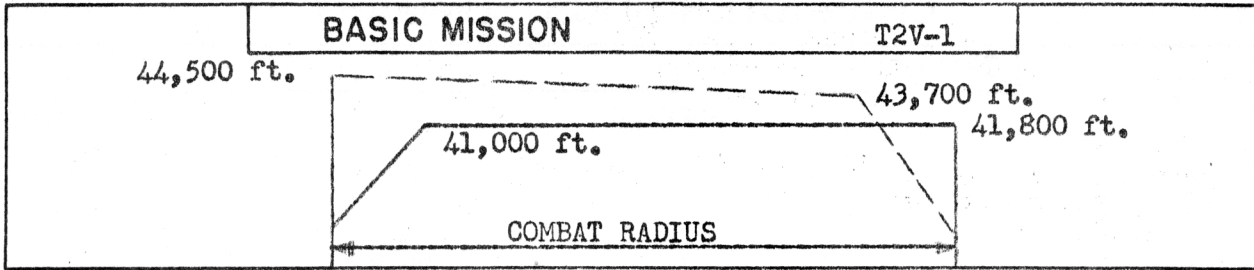
ENGINES			
1 Allison J-33-A-24			
	<u>LBS.</u>	<u>RPM</u>	<u>ALT.</u>
MIL.	6100	11800	SSL
NORM.	5050	11200	SSL

FEATURES
Crew - 2
Cabin Pressurization.
Ejection Seats.
Automatic L.E. Slats
Boundary Layer Control
Equipped to Operate From Carriers.

ARMAMENT
NONE

NAVAER 151/ A (REV. 1-49)

CHARACTERISTICS SUMMARY



PERFORMANCE		
COMBAT RADIUS	COMBAT RANGE	SPEED
260 naut. mi.	790 naut. mi.	485 knots at Sea Level
392 knots avg.	392 knots avg.	443 knots at 35,000 ft.
1.39 hours	hours	knots at ft.
Trainer Problem in MIL-C-5011A		Combat Weight Military Power
CLIMB	CEILING	TAKE OFF
5,500 ft./min. Sea Level, T. O. wt. Military Thrust	44,800 ft. 100 ft./min., T. O. wt. Military Thrust	2,500 ft. - calm No Assist
6,300 ft./min. Sea Level, Combat wt. Military Thrust		3,800 ft. - calm 50 ft. obstacle No Assist
LOAD	WEIGHTS	STALLING SPEED
Fuel 760 gal.	Empty 11,129 lbs.	106.4 knots
fixed 760 drop	Combat 14,730 lbs.	Flaps down, T. O. wt.
JP-4 Fuel	Take-off 16,705 lbs.	TIME TO CLIMB
		30,000 ft. in 7.8 min.
		Take-Off wt., Max. Power

NOTES

PERFORMANCE is based on flight test of F-80C plus calculations.
 RANGE AND RADIUS is based on engine spec. fuel consumption data increased by 5%.
 REASON FOR REISSUE: To reflect leading edge slot extension fix-stall speed changed, take-off distance unchanged after re-evaluation of calculations.

NAVAER-1519B (Rev. 10-51)