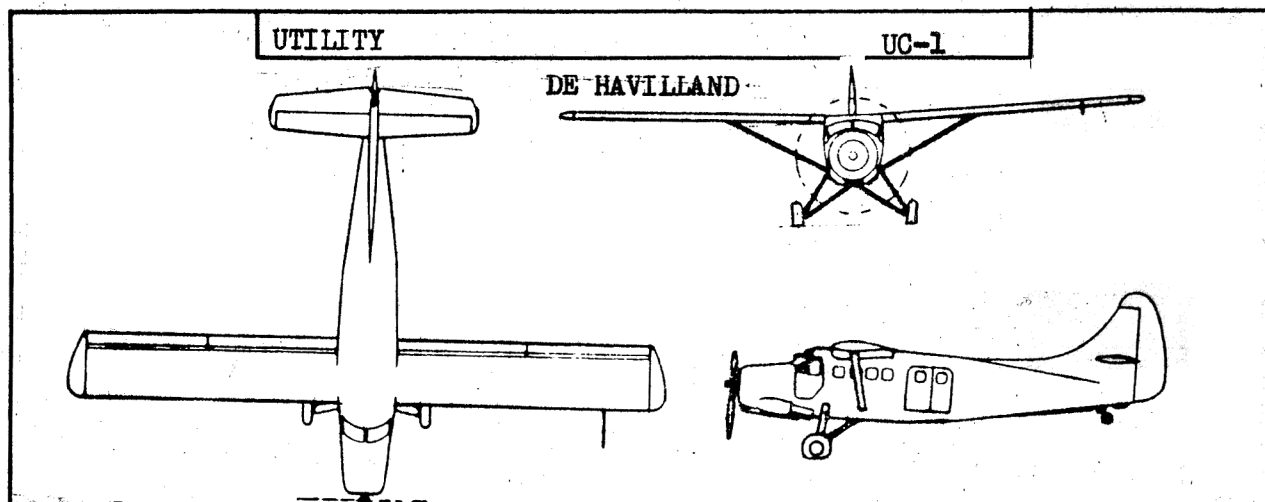


CHARACTERISTICS SUMMARY



WING AREA 375.0 Sq. Ft.

WING SPAN 58' - 0"

LENGTH 41' - 10"

HEIGHT 12' - 7"

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

STATUS
"Off-the shelf" procurement for Dept. of the Army

ENGINES		
(1) R-1340-59		
	BHP.	RPM. ALT.
T. O.	600	2,250 S. L.
		to 3000'
NORM.	550	2,200 5000'

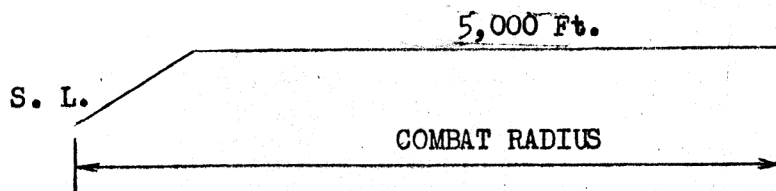
FEATURES
Crew.....1
Prov. for 14 pass.
A/C may be utilized
for liason, rescue
ambulance, etc.
Prov. for wheel-ski
combination

CARGO
CAPACITIES
Floor area volumes:
Storage Compt. -
8.5 Sq. Ft. -
38 Cu. Ft.
Aft. Sect. - 14 Cu. Ft.
Door-Side Ht. -Width
Rt. 3.8' 2.6'
Lft. 3.8' 3.9'

CHARACTERISTICS SUMMARY

BASIC MISSION

UC-1



PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	SPEED
358 naut. mi. 111 knots avg. Radius = 40% range	895 naut. mi. 111 knots avg. hours 1,700 lb. payload	129 knots at S. L. 135 knots at 5,000 ft. knots at ft. T.O. Weight Normal Power
CLIMB	CEILING	TAKE OFF
1,100 ft./min. Sea Level, T. O. wt. T.O. Power	19,000 ft. 100 ft./min., T. O. wt. Normal Power	600 Ft. calm No assist 360 Ft. -17.4 wind No assist
LOAD	WEIGHTS	STALLING SPEED
Fuel 214 gal. fixed 214 drop ---	Empty lbs. Combat 7,086 lbs. Take-off 7,600 lbs.	39.1 knots Flaps down, T. O. wt. TIME TO CLIMB ft. in min. Combat Wt., Max. Power

NOTES

Performance Basis: Contractor's data not substantiated by BUAER.

1. Land plane gross weight has been increased to 8,000 pounds - performance data not available at increased weight.

NAVAER-1519B (Rev. 10-51)