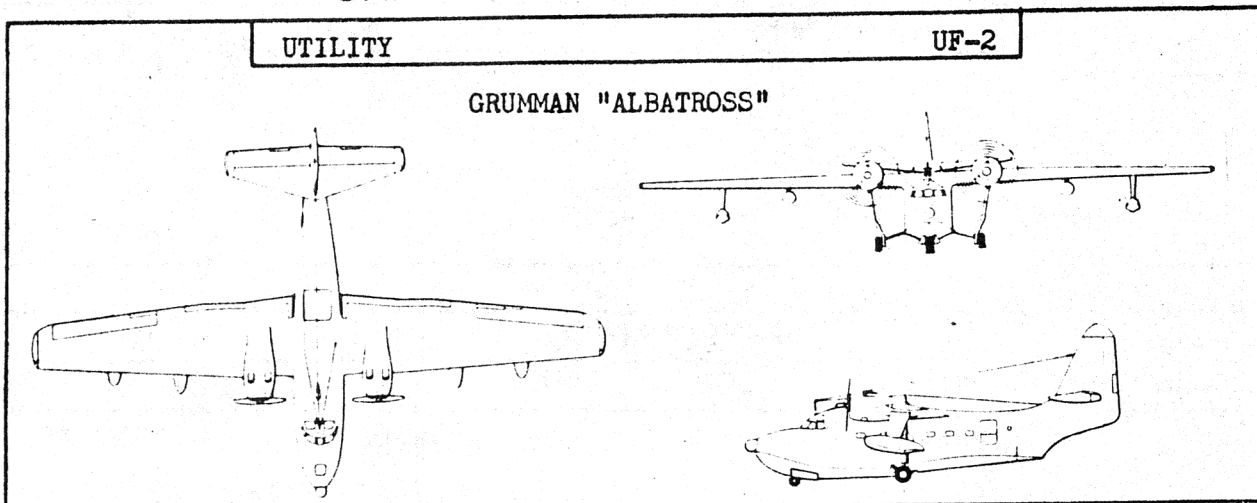


# CHARACTERISTICS SUMMARY



WING AREA 1035 sq. ft.  
WING SPAN 96' - 8"

LENGTH 62' - 10"  
HEIGHT 25' - 10"

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

STATUS
INDEFINITE

ENGINES			
2 WAC R1820-76A/B			
	LBS	RPM	ALT
T.O.	1425	2700	S.L.
MIL.	1425	2700	1000'
	1100	2600	11,600'
NORM.	1275	2500	3000'
	975	2500	14,700'

FEATURES
Crew - 6
Litters - 12
Seats - 10
Floor Loading
lbs./ft. <sup>2</sup> - 200/100
Fixed Hinge Split Flap
Max. Fuel Capacity:
Internal 675 Gal.
Drop 600 Gal.
Float 400 Gal.

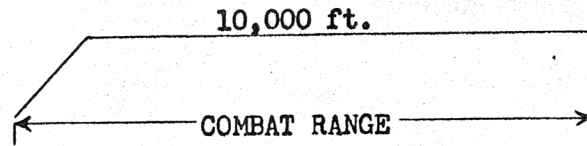
ARMAMENT
NONE

NAVAER 1519 A (REV. 1-49)

## CHARACTERISTICS SUMMARY

BASIC MISSION

UF-2



### PERFORMANCE

COMBAT RADIUS	COMBAT RANGE	SPEED
- - naut. mi. - - knots avg.	2600 naut. mi. 147 knots avg. * 17.7 hours * Mission time Cruise Alt. - 10,000 ft.	204 knots at 1500 ft. 208 knots at 15,000 ft. 205 knots at 20,000 ft. Combat Weight Maximum Power
CLIMB	CEILING	TAKE OFF
725 ft./min. Sea Level, T. O. wt. Normal Power	18,000 ft. 100 ft./min., T. O. wt. Normal Power	Ground Run - Calm 2650 ft. - No Assist 1600 ft. - 4 JATO
275 ft./min. 10,000 ft., T.O. wt. High Cruise Power	5200 ft. 500 ft./min., T.O. wt. Normal Power	Over 50 ft. obst. - Calm 5700 ft. - No Assist 3425 ft. - 4 JATO
LOAD	WEIGHTS	STALLING SPEED
Fuel 1675 gal. fixed 1075 drop 600 Payload - 12 litter patients (2040 lb.)	Empty 22,588 lbs. Combat lbs. Take-off 38,266 lbs.	80 knots Power-off Flaps down, T. O. wt.
		TIME TO CLIMB
		10,000 ft. in 17 min. T.O. Wt., Normal Power

### NOTES

1. Differs from UF-1:
  - a. More wing area (202 ft.<sup>2</sup>)
  - b. Greater range resulting from increased fuel capacity.
2. Combat range decreases 225 n. mi. at a cruise altitude of 1500 ft.
3. Drop tanks are retained.
4. Performance is based on USAF Flight Handbook SA-16B-GR of 1 Sep 1957.

NAVAER-1519B(Rev. 10-51)