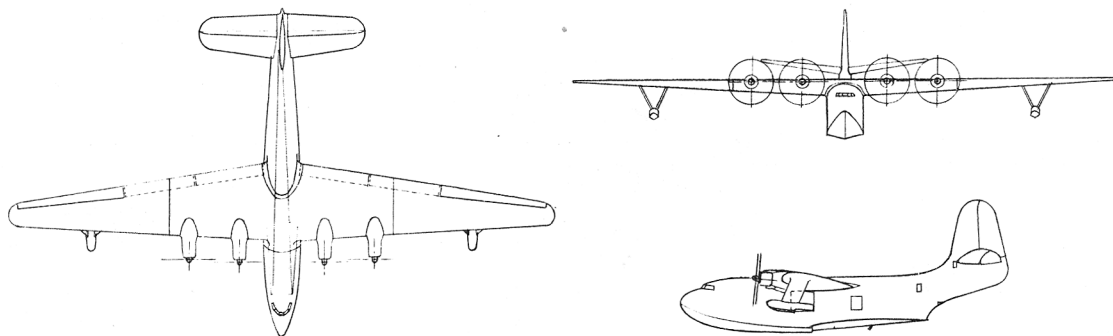


**CHARACTERISTICS SUMMARY**

SEAPLANE TRANSPORT

JRM-2

MARTIN "MARS"



WING AREA 3686 sq. ft.  
WING SPAN 200'-0"

LENGTH 120'-3"  
HEIGHT 43'-8"

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

**STATUS**

Same as JRM-1, but with larger engines

SERVICE

Entered service in 1948.

**OBSOLETE**

ENGINES	
4 P & W R4360-24	
T.O.	3000 BHP
Norm.	2500/SL 2200/16300

FEATURES
Crew - 11
Double deck hull
Cargo or personnel transport
Fuel dumping

ARMAMENT
None
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Max. capacities
Troops - 138
Litters - 100 (plus 10 seats)
Passengers - 63
Cargo - 455 sq. ft. @ 300 psf

**BASIC MISSION** JRM-2

**PERFORMANCE**

COMBAT RADIUS	COMBAT RANGE	COMBAT SPEED
naut. mi.	3790 naut. mi.	199 knots at
knots avg.	135 knots avg.	1500 ft., Max. Power
	hours	<b>MAXIMUM SPEED</b>
	at 1500 ft.	206 knots at
		15600 ft., Max. Power
CLIMB	CEILING	TAKE OFF
625 ft./min.	18100 ft.	100 Sec. - Calm.
Sea Level, T. O. wt. Normal Power	100 ft./ min., T. O.wt. Normal Power	No assist.
	7200 ft.	
	500 fpm-T.O. Wt., Nor.Pow.	
LOAD	WEIGHTS	STALLING SPEED
Fuel 10788 gal.	Empty 80701 Lbs.	84.4 knots
fixed 10788 drop	Combat	Flaps down, T. O. wt.
Cargo 20000 lbs.	Take-off 175000 Lbs.	<b>TIME TO CLIMB</b>
		ft. in min.
		Combat Wt., Max. Power

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**OBSOLETE**

**NOTES**

Performance is based on flight test of JRM-1.  
 Range is based on engine specification fuel consumption increased by 5%.  
 This sheet supersedes previously issued sheet dated 15 May 1948.  
 Reason for reissue: engines changed.  
 Take-off weight is currently limited to 165000 pounds pending service experience.