

LEADING PARTICULARS

				ft.	in.	
Span spread .. .. .	..	..	..	54	2	
Width folded .. .. .	..	..	..	27	3	
Length :						
Spread, 3-point .. .. .	..	..	..	40	5	
Tail-up .. .. .	..	..	..	41	2	
Folded, 3-point .. .. .	..	..	..	40	5	
Tail-up .. .. .	..	..	..	41	2	
Height :						
Spread, 3-point .. .. .	..	..	..	14	7	(Propeller, min. 13 ft. 0 in.)
Tail-up .. .. .	..	..	..	16	0	
Folded, 3-point .. .. .	..	..	..	14	8	(Wings, 13 ft. 6 in.)
Tail-up .. .. .	..	..	..	16	0	
Maximum height during folding (3-point) .. .. .	..	..	..	21	8	
Tail plane span .. .. .	..	..	..	20	9	
Under-carriage track .. .. .	..	..	..	16	4	
Propeller diameter .. .. .	..	..	..	12	6	
Propeller ground clearance (3-point)				2	0	

SEA MOSQUITO, MARKS 33 AND 37

Column No.	1	2	3	4
Loading Condition lbs.	Perm. Fuel	Torpedo	2 x 100 galls. + Torpedo.	
Gross Weight lbs. (Tare Weight 14,850 lbs.)	20,000	22,100	23,850	
Mean Weight lbs.	18,450	20,550	21,350	
Light Weight lbs.	16,550	16,550	16,550	
Fuel/Oil galls.	405/31	405/31	605/31	
Crew	2	2	2	
Armament :	4 x 20 mm./150			
Fixed Forward/R.P.G.				
Free/R.P.G.				
Turret/R.P.G.				
Deck Take-off : ft.				
Clam	925	1,215	1,500	
10 kts.	735	985	1,235	
20 kts.	560	770	980	
30 kts.	405	570	745	
40 kts.	270	400	540	
Maximum Speed :				
Sea Level kts.	294	270	257	
" M " Gear Critical Altitude .. kts./ft.	311/4,500	285/4,500	271/4,500	
" I " Gear Critical Altitude .. kts./ft.				
" S " Gear Critical Altitude .. kts./ft.	327/12,000	300/12,000	285/12,000	
Combat Radius :				
" M " Gear (20,000 ft.) .. nm./kts.	320/228	250/228	395/224	
" I " Gear (.. ft.) .. nm./kts.				
" S " Gear (.. ft.) .. nm./kts.				
Combat Endurance :				
" M " Gear (20,000 ft.) .. hrs./kts.	2.9/200	2.2/200	3.6/196	
" I " Gear (.. ft.) .. hrs./kts.				
" S " Gear (.. ft.) .. hrs./kts.				
Range :				
" M " Gear (20,000 ft.) .. nm./kts.	960/228	765/228	1,100/224	
" I " Gear (.. ft.) .. nm./kts.				
" S " Gear (.. ft.) .. nm./kts.				
Endurance :				
" M " Gear (20,000 ft.) .. hrs./kts.	4.35/200	3.4/200	5.0/196	
" I " Gear (.. ft.) .. hrs./kts.				
" S " Gear (.. ft.) .. hrs./kts.				
Service Ceiling ft.	28,800	26,200	24,700	
Stalling Speed (Gross Weight) kts. T.A.S.	77	81	84	
Engine(s)	2 x Merlin 25			
Engine Rating :				
B.H.P./R.P.M./Altitude/Boost	M	1,640/3,000/1,750/+18		
	I	/ / /		
	S	1,495/3,000/9,250/+18		

Remarks :-



SEA MOSQUITO MK. 33.

SEA MOSQUITO 33

2 x MERLIN 25

PERMANENT FUEL
20,000 lbs (405 gals.)

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