

# The Marlin Amphibians

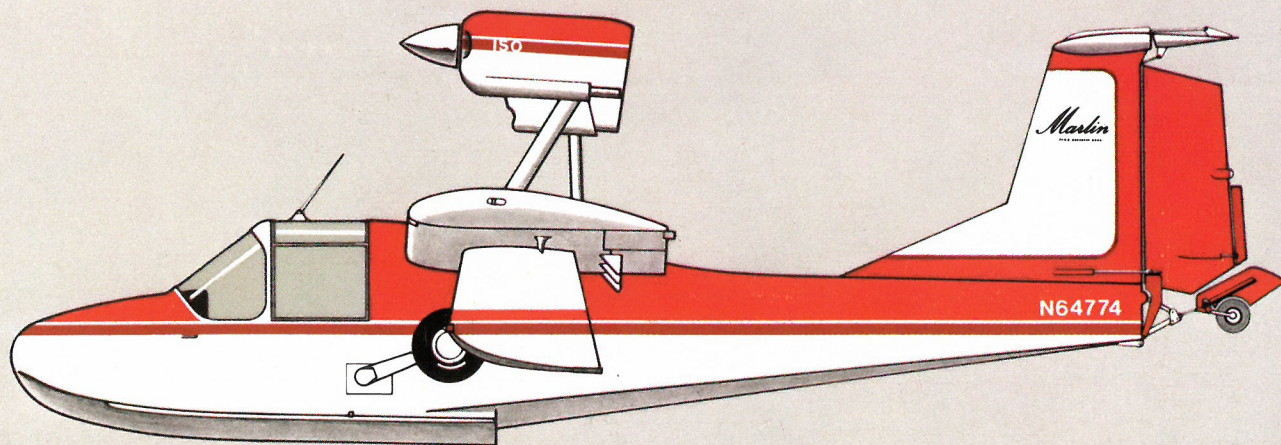
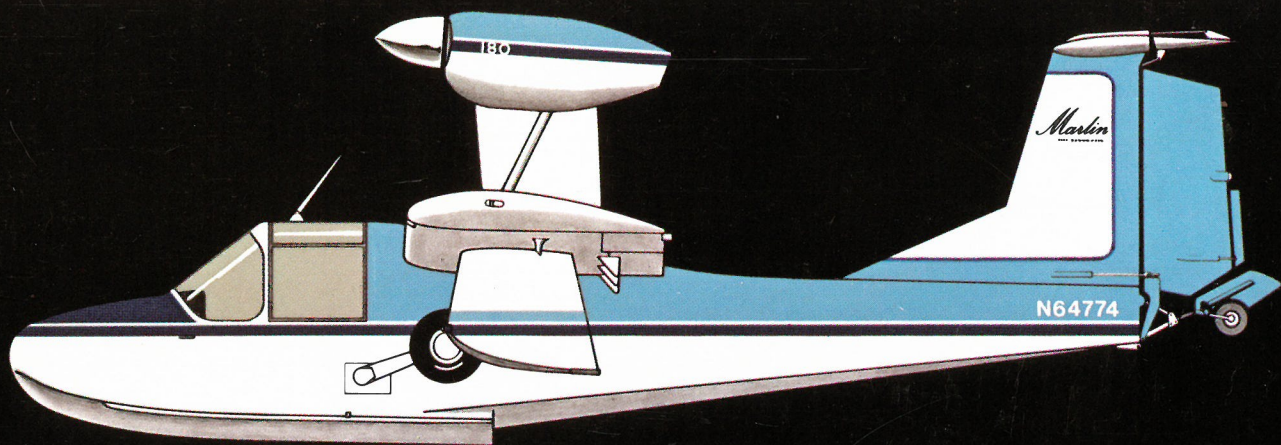
The Marlin 180, with its 121 m.p.h. cruise at 75% power and useful load of 850 lbs., invites comparison with aircraft using nearly half again the horsepower. Its spirited sister ship, the Marlin 150, stands unchallenged in its class with a cruise of 116 m.p.h. at 75% power and a useful load of 765 lbs.

Forgiving flight characteristics and superb water handling make either Marlin an excellent choice for sport or commercial flying. Furthermore, both aircraft are priced well below comparatively equipped counterparts and offer an unprecedented value in today's market.

May we suggest that you take a demonstration flight at your earliest convenience and see if the new Marlins aren't everything we say they are...and more.

## TEAL AIRCRAFT CORPORATION

drawer #499 st. augustine, florida 32084 / (904) 829-3402.



# comparison data

	Sky Hawk	Hawk XP	Supercub	Scout	Maule Strata Rocket	Marlin 150	Marlin 180
Horsepower/Prop	160 FP	195 CS	150 FP	180 FP	235 CS	150 CS	180 CS
Length	26'11"	27'02"	23'11"	22'10"	24'00"	23'07"	23'07"
Height	11'11"	9'11"	10'03"	8'08"	8'10"	7'05"	7'05"
Wing Span	35'10"	35'11"	35'04"	36'02"	31'00"	31'11"	31'11"
Wing Area (sq. ft.)	174	174	179	180	158	157	157
Wing Loading (sq. ft.)	13.2	14.7	9.8	11.9	14.6	14.0	14.6
Power Loading (sq.ft.)	14.4	13.1	11.7	11.9	9.8	14.7	12.8
Maximum Weight Off Water (lbs.)	2200	2550	1760	2150	2300	2200	2300
Published (approx.) Empty Weights (lbs.)	1555	1770	1190	1442	1590	1435	1450
Useful Loads (lbs.)	645	780	570	708	710	765	850
Standard Fuel (gal.)	43	49	36	35	42	46	46
Usable Fuel (gal.)	40	46	34	33	40	41	41
Landing Gear	Fixed Float	Fixed Float	Fixed Float	Fixed Float	Fixed Float	Amphibian Retractable	Amphibian Retractable
Service Ceiling (ft.)	13,100	15,500	17,500	13,400	16,000	12,000	14,000
75% Cruise (kts.)	99	116 (80%)	89	99	117	102	106
Rate of Climb (fpm)	720	870	830	960	1,100	600	750
Stall-full Flap (kts.)	44	44	37	45	39	45	45
Take off/land 50' obstacle (ft.)	2180/ 1345	1850/ 1325	990/ 730	Not available	1450/ 1100	1425/ 550	1250/ 650

Above data taken from the following publications per manufacturer's specifications and is believed correct at time of compilation:  
 1) Jane's All The World's Aircraft 2) AOPA Buyer's Guide 3) Flying Magazine Buyer's Guide 4) EDO-AIRE Seaplane Division brochure

## standard

### Power Plant Systems

180 HP Lycoming O-360-A1F6D or 150 HP Lycoming O-320-A3B (2000 Hrs. TBO)  
 Hartzell Constant Speed Propellor  
 Stainless Steel Exhaust System  
 Engine Driven Fuel Pump  
 Electric Aux. Fuel Pump  
 Wing Tank Quick Drains  
 Oil Sump Quick Drain

### Electrical Systems

12 Volt 37 AMP Battery  
 60 AMP 12 Volt Alternator  
 Dual Shielded Ignition  
 Mag Filters  
 Pop-Out Circuit Breakers  
 Over-Voltage Control

### Control Systems

Elevator Trim Control  
 Rudder Trim Control  
 Parking Brake  
 High Capacity Toe Brakes  
 Positive Tail Wheel Steering

### Finish

All Alclad Construction  
 Alodine and CAD Plate  
 Corrosion Proofing  
 Epoxy Primer Undercoat  
 2 Coat Urethane Top Coat

### Landing Gear

Manually Retractable Main Gear (Air Assisted)  
 6:00 x 6 Main Wheels  
 Independently Retractable Tail Wheel/Water Rudder  
 8:00 x 3 Tail Wheel

### Instrumentation

Airspeed Indicator  
 Sensitive Altimeter  
 Ammeter  
 Turn Co-ordinator  
 \*Vacuum System and Gauge  
 \*Directional Gyro (Vacuum)  
 \*Artificial Horizon (Vacuum)  
 Vertical Speed Indicator  
 ELT  
 Turn and Bank Indicator  
 Magnetic Compass  
 Oil Pressure Gauge  
 Manifold Pressure Gauge  
 Recording Tachometer  
 LH and RH Fuel Quantity Gauges  
 Fuel Pressure Gauge  
 8 Day Clock  
 Outside Air Temp. Gauge  
 Landing Gear Position Lights  
 Stall Warning Indicator (Light)  
 Stall Warning Horn  
 IFR Post Lighting  
 NAV and Com Antennas, Mike Jacks

### Cabin Group

Ash Tray  
 Adjustable Front Seats  
 Seat Belts with Shoulder Harness  
 Baggage Tie Down Straps  
 2 Map Pockets  
 Side Windows (Openable in Flight)  
 Tinted Glass Overhead Door Panels  
 Bilge Pump with Panel Switch  
 Heated Pitot  
 \*Cabin Heater

### Other

FAA Certified IFR-Non-Icing Conditions  
 Long Span Slotted Flaps  
 Wing Tip Strobe Lights  
 Fire Extinguisher  
 Jack Points  
 Mooring Cleats  
 Anchor  
 Collapsible Paddle  
 Small Hatchet  
 Life Jacket

\*180 HP Version Only

Optional Equipment List Upon Request.

The right is reserved to make changes to this list at any time without notice.