

# *The Marlin Amphibians*

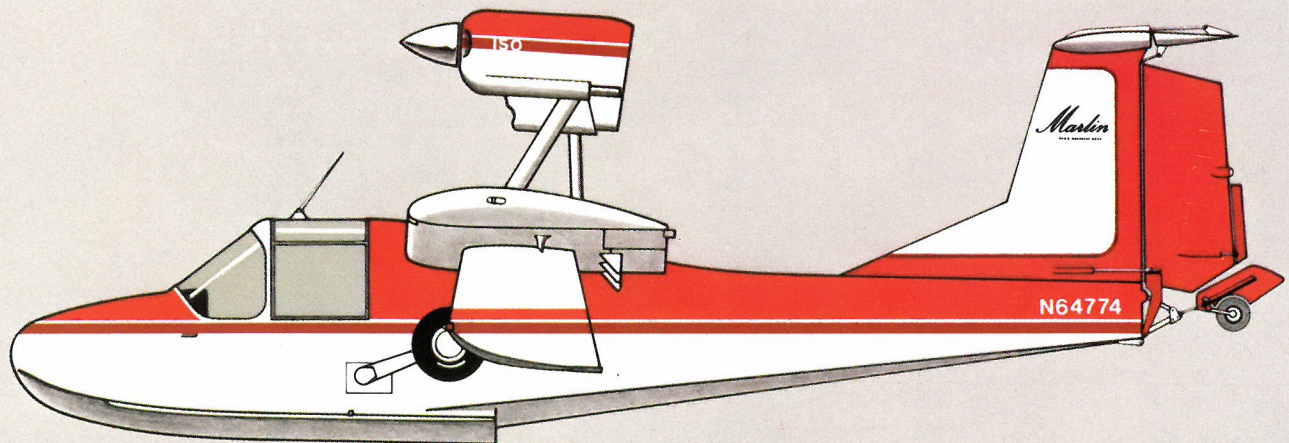
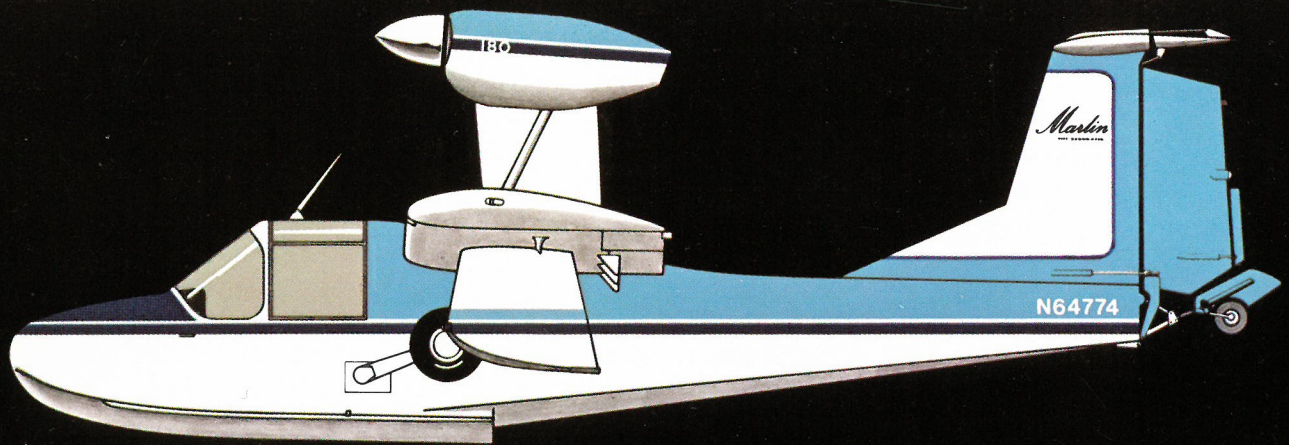
The Marlin 180, with its 121 m.p.h. cruise at 75% power and useful load of 850 lbs., invites comparison with aircraft using nearly half again the horsepower. Its spirited sister ship, the Marlin 150, stands unchallenged in its class with a cruise of 116 m.p.h. at 75% power and a useful load of 765 lbs.

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 Urathane 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.