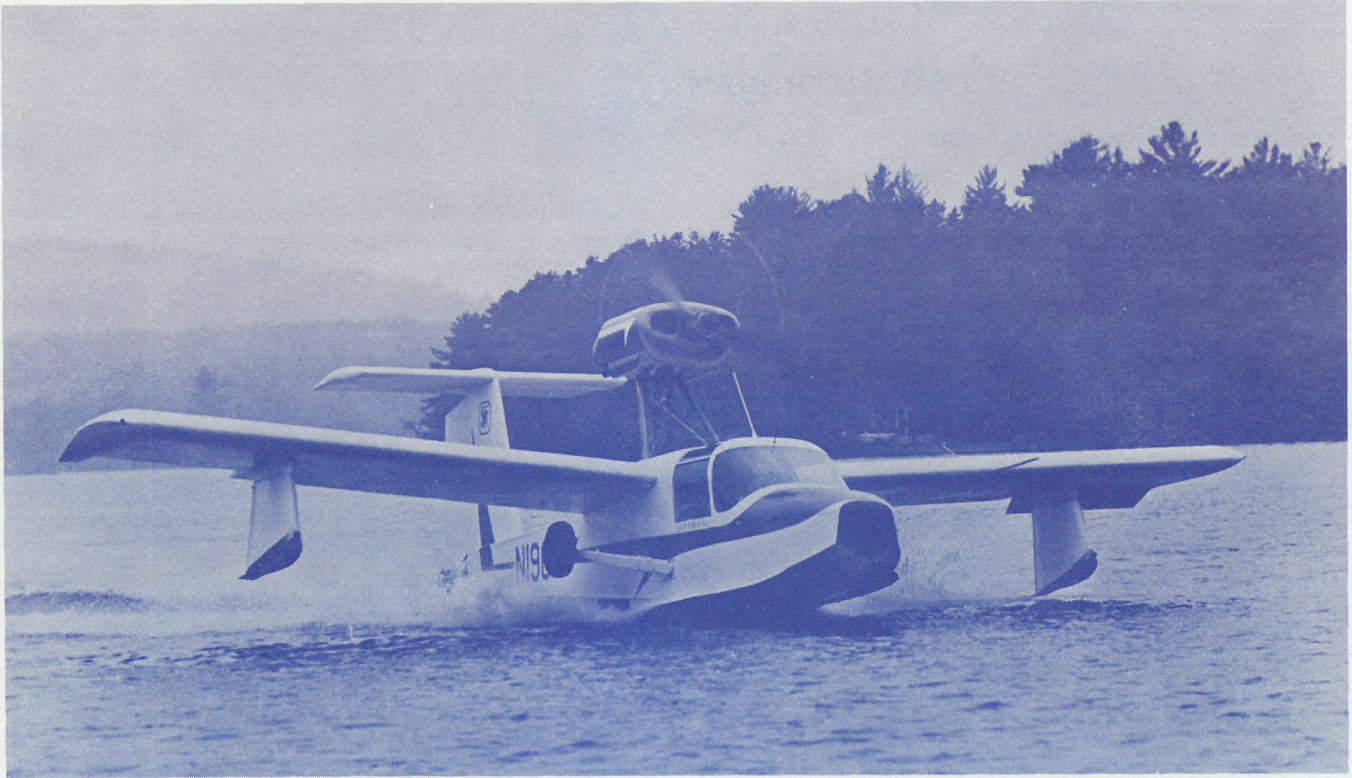


# THE TEAL II AMPHIBIAN



**DESIGN DATA**

SPEED:

MAX SPEED @ 3000'	120 MPH
CRUISE 75% POWER @ 5000'	116 MPH
CRUISE 65% POWER @ 5000'	110 MPH
RANGE-CRUISE 75% POWER @ 7500' WITH .75 HR. RESERVE	
WING TANKS — 46 US GAL.	470 S.M.
WING TANKS & OPT. HULL TANK 70 US GAS.	750 S.M.

RATE OF CLIMB AT SEA LEVEL

600 FPM @ 2200 LBS.	
740 FPM @ 1900 LBS.	

LANDING SPEED — 52 MPH @ 2200 LBS.

TAKE OFF:

GROUND RUN — 700 FT. @ 2200 LBS.	
— 600 FT. @ 1900 LBS.	
WATER RUN — 950 FT. @ 2200 LBS.	
— 800 FT. @ 1900 LBS.	

LANDING: LANDING ROLL 550 FT.  
WATER RUN 450 FT.

ENGINE: LYCOMING O-320-A3B-150 H.P.  
PROPELLER: HARTZELL HC-CZYL-1B/7663-4  
EMPTY WEIGHT: 1435 LBS.  
USEFUL LOAD: 765 LBS.  
GROSS WEIGHT: 2200 LBS.

**MODEL TSC-1A2**

PRODUCED BY

## TEAL AIRCRAFT CORPORATION

BUTTONVILLE AIRPORT, MARKHAM, ONTARIO L3P 3J9

TELEPHONE (416) 297-3027

TELEX 06219564



# TEAL II AMPHIBIAN

## Model TSC-1A2 with Long Span Slotted Flaps

### STANDARD TSC-1A2 TEAL AMPHIBIAN:

Includes the following:

#### POWER PLANT & PROPELLER SYSTEMS:

150 hp Lycoming O-320-A3B engine (2000 hrs. TBO)  
Hartzell lightweight, constant speed, metal propeller  
Hartzell governor  
Electric geared starter  
Oil cooler with thermostatic controls  
Oil sump quick drain  
Inlet air filter with alternate hot air system  
Stainless steel twin exhaust system

#### ELECTRICAL & IGNITION SYSTEMS:

12 V — 37 amp hr. battery w/circuit breaker switches  
60 amp — 12 volt alternator  
Dual shielded ignition  
Voltage regulator

#### CONTROLS:

Dual stick and rudder controls  
Elevator and rudder trim  
Stainless steel control cables  
Dual high capacity toe brakes with parking lock  
Throttle, carb. heat, mixture and propeller pitch controls  
Retractable water rudder attached to tail wheel

#### CABIN FEATURES

Adjustable seats, belts and shoulder harness  
Cabin sound proofing, carpeting & upholstery  
Ash tray and two map pockets  
Clear view single piece windshield  
Side window openable in flight  
Tinted glass overhead door panels  
Ignition and entrance locks  
Baggage compartment tie down straps  
Emergency locator transmitter — portable & buoyant

#### FUEL SYSTEM:

ENGINE DRIVEN & elec. aux. fuel pumps  
41 gal. useful fuel capacity (leading edge wing tanks)  
Fuel system quick drains

#### INSTRUMENTS & WARNING INDICATORS:

Airspeed (mph) with heated pitot  
Sensitive altimeter  
Compass  
Manifold pressure gage  
Rate of climb (0 to 2000 fpm)  
Outside air temperature gage  
Recording tachometer  
Engine instrument group: RH & LH fuel qty. gages,  
fuel pressure gage, oil temp.  
and pressure gages and ammeter  
Stall warning indicator  
Landing gear position indicator lights

#### LANDING GEAR:

Manually retractable main gear, and independently  
retractable tail wheel/water rudder  
Maintenance free steel spring landing gear  
6.00 x 6 main wheels, tires and tubes  
Scott Model 3200 heavy duty 8.00 x 3 tail wheel

#### GENERAL FEATURES

Alclad aluminum structure  
Alodine and cad plate corrosion proofing  
and epoxy primer on all metal parts  
VHF transmit and receiving antennas, leads  
and shielded wiring installed.  
External tie downs, mooring cleats, anchor  
line and paddle  
Standard, two-color, three coat external finish —  
epoxy primer undercoat + 2 coats of enamel

\* \* \* \* \*

### CUSTOM TEAL AMPHIBIAN:

Includes the following additional instruments and equipment:

Janitrol heater & defrost system 15,000 BTU  
Whelan combination navigation-strobe lights  
Lights — instrument — cabin & landing

#### FACTORY INSTALLED OPTIONAL EQUIPMENT:

Janitrol heater & defrost system 15,000 BTU  
Whelan combination navigation-strobe lights  
Lights — instrument — cabin & landing  
R.C. Allen Directional Gyro  
R.C. Allen Artificial Horizon

Electric Turn Indicator  
Narco Escort 110 radio with antennas, speaker  
microphone and jacks

Electric Turn Indicator  
Narco Escort 110 radio with antennas,  
speaker, microphone and jacks  
Additional 24 gal. hull tank  
provides 65 gal. usable fuel

Complete avionics, flight instruments, special paint and other accessories available. Prices on request.

Specifications and equipment subject to change without liability or notice.

All Prices FAF Plant.

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