

SPECIFICATIONS*

Engine – Lycoming IO-540-M1A5

Rated HP and Speed	300 @ 2700 RPM	
Fuel Capacity (Total)	102 gal. U.S. (612 lbs.)	386 litres (278 kg.)
(Maximum Usable)	98.5 gal. U.S. (591 lbs.)	373 litres (268 kg.)
Propeller – Hartzell Constant Speed Reversible Model HC-E3YR-7LF/C8468-8	78 in. dia.	198.1 cm.
Wing Span (Floats Up)	41.75 ft.	12.73 m.
Wing Span (Floats Down)	38.8 ft.	11.84 m.
Length O.A.	29.3 ft.	8.93 m.
Height	12.5 ft.	3.81 m.
Wing Area (Floats Up)	245.2 ft. ²	22.78 m. ²
Wing Area (Floats Down)	230.2 ft. ²	21.39 m. ²
Empty Weight – Standard Engine	2500 lbs.	1134 kg.
Turbo Option	2567 lbs.	1164 kg.
Useful Load – Standard Engine	1300 lbs.	590 kg.
Turbo Option	1233 lbs.	559 kg.
Gross Weight	3800 lbs.	1724 kg.
Wing Loading (Floats Up)	15.50 lbs./ft. ²	75.68 kg./m. ²
Wing Loading (Floats Down)	16.51 lbs./ft. ²	80.61 kg./m. ²
Power Loading (Gross Weight) Standard Engine	12.67 lbs./HP	5.75 kg./HP
Turbo Option	10.86 lbs./HP	4.93 kg./HP
Baggage Capacity	150.0 lbs.	68.0 kg.
Wheel Tread	12.0 ft.	3.66 m.
Wheel Base	12.1 ft.	3.68 m.

CABIN DIMENSIONS (Inside)

Maximum Width	47 in.	119 cm.
Maximum Height	50.2 in.	128 cm.
Length R/H Side to Nose Hatch	96.8 in.	246 cm.
Length L/H Side to Instrument Panel	79.0 in.	201 cm.
Main Doors	40.8" W x 41.0" H	104 cm. W x 104 cm. H
Nose Door	27.4" W x 39.0" H	70 cm. W x 99 cm. H

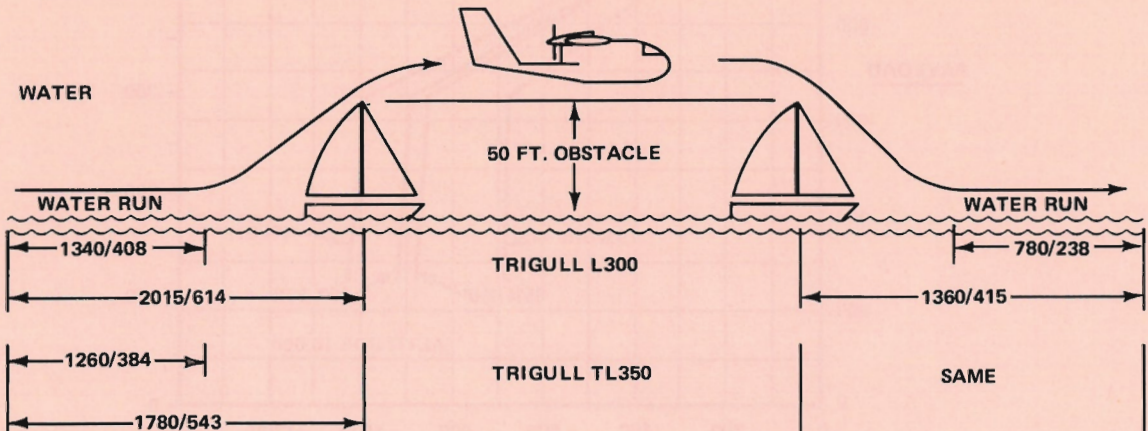
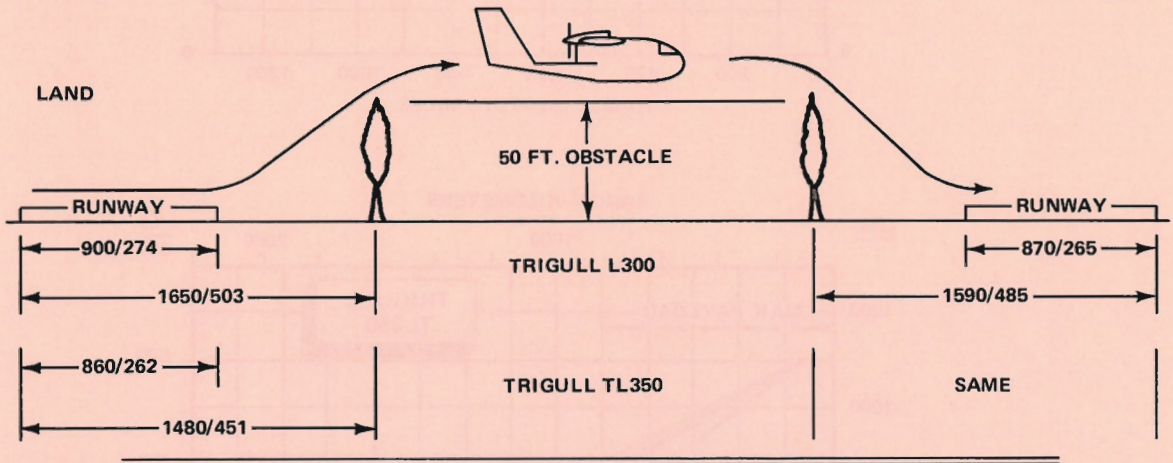
BAGGAGE COMPARTMENT

Volume	12.9 ft. ³	.365 m. ³
Door	19.7" W x 15.4" H	50 cm. W x 39 cm. H

PERFORMANCE

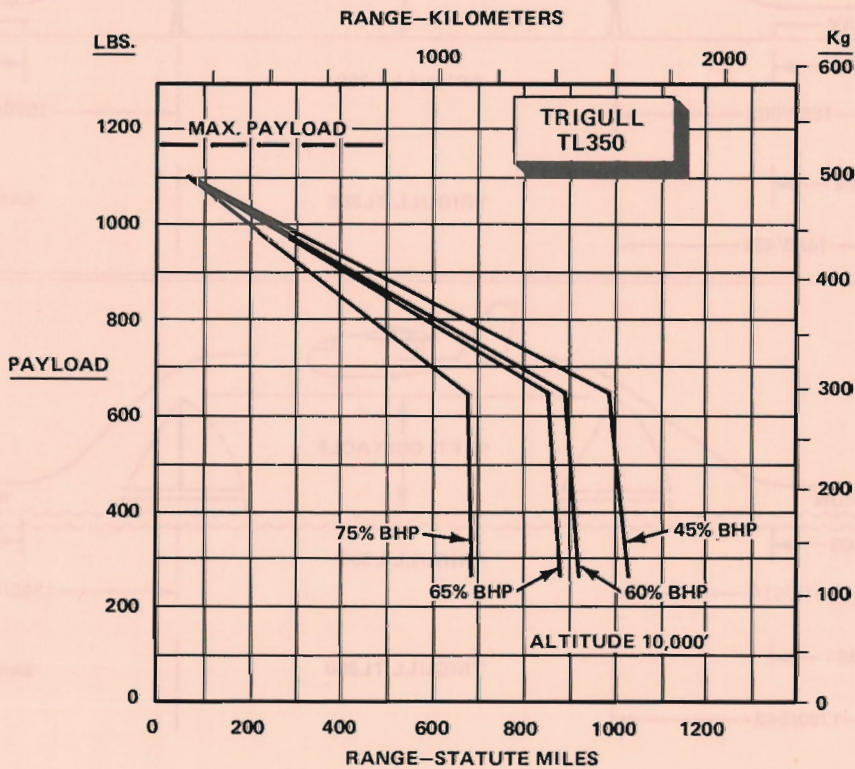
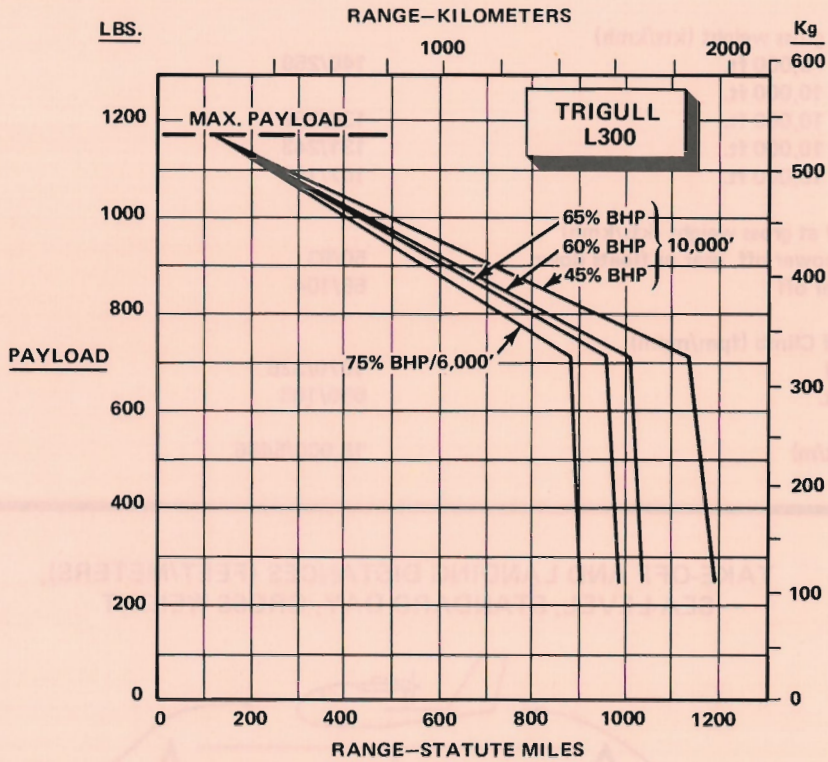
	<u>Trigull L300</u>	<u>Trigull TL350</u>
Maximum Speed at gross weight (kts/kmh)		
at sea level	148/274	157/291
at 10,000 ft		172/319
Cruising Speed at gross weight (kts/kmh)		
75% BHP - 6,000 ft.	140/259	
- 10,000 ft.		155/287
65% BHP - 10,000 ft.	136/252	146/271
60% BHP - 10,000 ft.	131/243	142/263
45% BHP - 10,000 ft.	107/198	125/232
Stall Speed (CAS) at gross weight (kts/kmh)		
Full flaps, power off, gear or floats down	50/93	50/93
Clean, power off	56/104	56/104
Maximum Rate of Climb (fpm/MPM)		
at Sea Level	1070/326	1265/386
at 10,000 ft.	550/168	1115/340
Service Ceiling (ft/m)	18,000/5486	25,000+/7620+

TAKE-OFF AND LANDING DISTANCES (FEET/METERS), SEA LEVEL, STANDARD DAY, GROSS WEIGHT



RANGE/PAYLOAD DATA

- FUEL ALLOWANCE MADE FOR TAKEOFF, CLIMB, CRUISE, DESCENT, LANDING PLUS 45 MIN. RESERVE
- MAXIMUM USABLE FUEL 591 LBS/268 KG (98.5 U.S. GALLONS)/373 LITERS
- PAYLOAD INCLUDES PILOT & OPTIONS



STANDARD EQUIPMENT *

FLIGHT DECK

- Cabin speaker
- Checklist, printed
- Circuit breakers - Electrical
- Clock - Electrical
- Compass - Magnetic
- Control - Alternate induction air
 - Engine mixture
 - Engine throttle
 - Flaps
 - Floats
 - Landing gear
 - Propeller pitch
 - Propeller reverse
 - Water rudder
- Fuel valve - Shutoff
- Gauge unit - Engine (includes ammeter, oil pressure, oil temperature, cylinder head temperature and fuel quantity)
- Glareshield - Instrument panel
- Ignition switch - Key-operated
- Indicator - Airspeed
 - Altimeter, sensitive
 - Combination manifold pressure and fuel flow
 - Outside air temperature
 - Tachometer
 - Rate-of-climb
 - Rudder trim position
 - Stabilizer position
 - Stall warning (audible)
 - Turn coordinator
 - Wing flap position
- Indicator light - Over-voltage sensor
 - Radio master
- Instrument panel - Color coordinated
 - Removable flight section
- Landing gear - Position indicator lights
 - Warning indicator (audible)
- Lights - Backlit flight section
- Lock - Aileron and elevator controls
- Parking brake - Hydraulic (push-pull control)
- Plate - Radio call
 - Rheostat - Flight instrument lighting
 - Post lighting
 - Radio internal lighting
 - Standby hydraulic pump - Hand operated
 - Switch - Fuel boost pump
 - Split master
 - Trim system - Stabilizer, electric
 - Rudder

POWER PLANT AND ACCESSORIES

- Alternator - 50 amp, 28 volt
- Battery - 24 volt
- Engine - 300 HP, fuel injected
- Exhaust system - With muffler and heat exchanger
- Filter - Full flow oil
 - Induction air
- Fuel primer, electric
- Fuel pump - Engine driven
 - Auxiliary electric
- Ignition system - Shielded dual magnetos
- Oil cooler - Non-congealing type
- Propeller - 3-bladed, constant speed, reversible
- Regulator - Voltage, 28 volts

INTERIOR

- Arm rests
- Ash trays
- Baggage - Compartment with exterior lockable door
 - Restraint
 - Tie-down points
- Brakes - Hydraulic discs, toe operated, pilot side only
- Cabin floor - Carpeted
- Storm window - Pilot's side
- Color coordinated upholstery
- Defroster - Windshield
- Heating system - Cabin
- Light - Dome (overhead)
- Map pockets
- Scuff plates - 3 doors
- Seats - Pilot and copilot seats (including lap belt and shoulder harness)
 - Two individual passenger seats (including lap belts)
- Shoulder harness - Inertia reel (pilot and copilot)
- Sound proofing
- Ventilators - Adjustable cabin air (front and rear)

STANDARD EQUIPMENT *

EXTERIOR

Aircraft tie-down and docking rings

Corrosion protection - Internal and external,
including stainless steel
cables

Door - Pilot entry

- Copilot entry
- Bow entry
- Baggage compartment
- Maintenance, forward

Flaps - Wide span Fowler, electric

Floats - Electrically operated

Fuel drains - Two

High lift, drooped leading edge wing

Tricycle landing gear - Hydraulically operated

Light - Landing

- Strobe beacon

Lights - Navigation

Locks - Baggage door

- Cabin entry doors

Nose gear - Steerable

Overall paint scheme - White plus trim color

Pitot tube (unheated)

Spray rails and entry steps on both sides

Tow bar

Tires - Tube type - 7.00 x 6 main gear,
6.00 x 6 nose gear

Water rudder - Manually retractible

1978 PRICES

SUGGESTED LIST PRICE BASIC AIRCRAFT \$105,000 UNITED STATES, F.A.F.

FACTORY OPTIONS AVAILABLE

EQUIPMENT	WT. LB	PRICE UNITED STATES DOLLARS
Anchor light .....	.4	34
Approved life jackets, ea. ....	.8	45
Bird protection kit, engine	N/A	50
Cargo floor, cabin	---	---
Cargo rings, cabin	---	---
Courtesy lights (each door, baggage compt. & fuel filler) .....	.5	125
Dual controls	6.0	534
Emergency locator transmitter (ELT)	2.5	290
Engine crank switch-maintenance .....	.5	49
Engine winterization kit	1.0	60
Fire extinguisher	3.0	45
First-aid kit	5.8	50
Floor baggage containers (2), each	1.5	58
Ground service receptacle	3.0	138
Head rest— seats 1, 2, 3 and 4, ea.	1.0	42
Heat resistant windshield cover	1.5	65
Inertia shoulder restraints, each	2.0	65
Leather seats (exchange), 4 seats	4.0	750
Lifting rings	2.0	245
Microphone/headset .....	.3	160
Northern survival kit	---	---
Oxygen, portable (4 people)	27.0	450
Paint, deluxe 3 color	NEG'L	90
Propeller spinner	9.6	180
Quick drain oil valve	NEG'L	30
Rear bench seat with lap belts	12.0	585
Seaplane operating kit (ropes, paddle, anchor)	12.0	155
Seat covers, each	2.0	35
Static dischargers, 10 .....	.4	126
Storm window .....	.1	148
Strobe lights, three point	5.0	504
Strobe lights, wing tip	3.5	430
Taxi light	1.2	75
Tinted glass	NEG'L	75

POWER PLANT

Turbocharger	67.0	---
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NOTES:

- Open items must be quoted from factory
- Separate price lists available for avionics packages
- Prices subject to change without notice

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FACTORY OPTIONS AVAILABLE

INSTRUMENTS	WT. LB	PRICE UNITED STATES DOLLARS
Artificial horizon, directional gyro, and vacuum system including gage	6.2	1550
Alternate static source .....	.2	78
Digital clock and elapsed timer .....	.5	379
Elapsed time meter .....	.5	85
Engine analyzer (6 point)	1.0	498
Exhaust gas temperature gage (single point) .....	.6	198
Map light .....	.5	86
Pitot and stall warning heater .....	.6	90
Post instrument lights (9) .....	.5	335
Safe flight indicator (pictorial stall warning)5	495
True airspeed indicator (exchange)	NEG'L	60
8 day clock (exchange)7	78

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