

# DISCOVERY XL-2

Economy Dynamics



Discovery Aviation Distributor



Economy Dynamics Ltd. Discovery Aviation Distributor  
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# DISCOVERY XL-2

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## AIRCRAFT SPECIFICATIONS

The worlds most economical Part 23 certified 2 seat IFR trainer/personal aircraft  
The Discovery XL-2 is training redefined

### SPECIFICATIONS:

MTOW.....1750 lbs/794 kg

### DESIGN WEIGHTS & CAPABILITIES:

Fuel.....AvGas 100 LL/100  
Fuel - Total Capacity.....29.5 US Gal/111L  
Fuel - Total Usable .....28 US Gal/106L  
Baggage Allowance.....100lbs/45kg  
Useful Load.....588lbs/265kg  
Full Fuel Payload.....417lbs/189kg

### PERFORMANCE:

Cruise Speed.....120kts/138mph/222kph  
Cruise Range w/30 min. Reserve (65% Power.....505nm/935km  
Fuel Consumption.....@55%: 4.7 US gph/18.9 lph  
@65%: 5.5 US gph/20.8 lph  
@75%: 6.5 US gph/23.5 lph

### STANDARD EQUIPMENT:

#### Propeller

- mt-Propeller
- 2 Blade - Fixed Pitch - Wood Composite

#### Engine

- Continental IOF 240B
- Powerlink FADEC Engine Control
- Engine Driven Fuel Pump
- Electric Boost Pump

#### Electrical Systems

- 14v Alternator
- 12v System
- Redundant Battery System
- 12v Auxiliary Power Outlet

#### Exterior

- Cam-Lock Cowl Fastenings
- Dual Gull Wing Doors With Locks
- Anti-Collision/Navigation/Landing Lights
- Matterhorn White Paint Finish

The XL-2 is a fully certified FAA Part 23 IFR Aircraft



### AVIONIC OPTIONS FOR DISCOVERY XL-2:

- **Garmin G500 System** Retrofit EFIS system including PFD, MFD, remote compass, remote and remote AHRS unit.
- **Garmin GTN 750/650 System** Garmin Touch Screen WAAS GPS/NAV/COM with glideslope and color moving map.
- **Garmin GMA 350 System** Digital Remote Audio Panel with 2 place Stereo intercom and built in marker beacon receiver.
- **Garmin GTX 33 ES System** Remote Digital Mode S transponder with Extended Squitter & Traffic Information System.
- **Garmin GDL 69A System** Satellite Weather receiver system with satellite audio entertainment system. Includes install kit and GA-55 XM antenna.
- **Garmin GDL 88 ADS-B** a space-based, satellite derived system allowing automatic transmission of precise position, track, speed, altitude and climb/decent rates.
- **Electronics International Inc MVP-50P** Complete engine monitoring system
- **Bendix King ADF KR-87** gives you accurate bearing-to-station in the 200 kHz to 1799 kHz frequency range, complete with ADF, ANT and BFO tuning modes
- **Bendix King DME KN62** Self contained, 200-channel systems with their powerful solid state transmitters
- **Chelton S-Tec Autopilot** experience smoother, more stable flight and reduced maintenance down-time.
- **Mid Continent SAM Standby Instruments**
- **Garmin GTR 225 Supplemental Com/Nav-Com**

