

## SPECIFICATIONS JA 177 EVOLUTION II

Rotax 912 80HP



Rotax 912 S 100HP



Rotax 914 Turbo



### SPECIFICATIONS PERFORMANCE

|   |                   |
|---|-------------------|
| FUSELAGE LENGTH                                   | 30.5 FEET         |
| HEIGHT  | 6 FEET 8 INCHES   |
| WING SPAN   | 38 FT 6 INCHES    |
| WING AREA   | 139 SQ FT         |
| AJUSTABLE SEATS                                   | 2                 |
| EMPTY WEIGHT, TYPICAL                             | 275 KGM           |
| MAXIMUM GROSS WEIGHT                              | 465 KGM           |
| ROTAX ENGINE 912 - 912S - 912 TURBO (Not 914)     | 80 - 100 - 120 HP |
| SERVICE CEILING                                   | 14.500 FEET       |
| FUEL CONSUMPTION                                  | 4.9 GPH           |
| FUEL CAPACITY, STD                                | 24 GALLONS        |
| TAKEOFF DISTANCE, GROUND ROLL                     | 60 METERS         |
| TAKEOFF DISTANCE OVER 50-FT OBSTACLE              | 80 METERS         |
| MAX DEMONSTRATED CROSSWIND COMPONENT              | 25 MPH            |
| RATE OF CLIMB, SEA LEVEL                          | 1100FPM           |
| MAXIMUM CRUISE SPEED                              | 210 KM            |
| LANDING DISTANCE OVER 50-FT OBSTACLE              | 130 METERS        |
| LANDING DISTANCE, GROUND ROLL                     | 100 METERS        |
| GLIDE RATIO                                       | 13:01             |
| RANGE   | 580 N.M.          |
| V <sub>x</sub> (BEST ANGLE OF CLIMB)              | 70 MPH            |
| V <sub>y</sub> (BEST RATE OF CLIMB)               | 80 MPH            |
| V <sub>ne</sub> (NEVER EXCEED)                    | 240 KM            |
| V <sub>so</sub> (STALL, IN LANDING CONFIGURATION) | 65 KM             |