

| <b>Weight and Balance</b> | <b>Starting<br/>day with<br/>32 gallons</b> | <b>Starting<br/>day with<br/>full fuel</b> | Index | Unit  |
|---------------------------|---------------------------------------------|--------------------------------------------|-------|-------|
| Empty Weight              | 2161                                        | 2161                                       | 156.4 | 156.4 |
| Pilot                     | 170                                         | 170                                        | 20    | 20    |
| Passenger                 | 175                                         | 175                                        | 27.2  | 27.2  |
| Oil                       | 30                                          | 30                                         | 1.6   | 1.6   |
| Fuel                      | 57.6                                        | 141                                        | 4     | 11    |
|                           | 2593.6                                      | 2677                                       | 209.2 | 216.2 |

Gross weight 2671

#### **Fuel Consumption Computation**

Fuel Consumption (takeoff) 21 gal/hr  
 Fuel Consumption (Cruise) 14 gal/hr  
 Total fuel 46 gal  
 Total fuel deposited 32 gal  
 Total time flown 1.6

32 Gal Start **22.4 gallons burned**  
**7.5 gallons remaining (minimum)**

46 Gal Start **24.5 gallons burned**  
**21.5 gallons remaining (max)**

**Minutes  
at Full**  
**Total flts Power Total Time at Full Power**  
 4 4 16min

16 min 6.3 total fuel burned  
 18.2  
**24.5 gallons of fuel burned**