



## SPECIFICATION SUMMARY[Metric Units]

[Serial No. 4584 & Subsequent]

### WEIGHTS

Standard Configuration Weight ( <b>Note 1</b> )	<b>KG</b> 777
Internal Gross Weight [Normal/Optional] ( <b>*Note 2</b> )	1451/1519*
External Load Gross Weight	1519
Useful Load (Gross Wt.-Standard Config. Wt.) [Normal/Optional] ( <b>*Note 2</b> )	674/742*
Maximum External Load (Cargo Hook Limit)	680

**Note 1:** Includes 5.4 kilograms of engine oil. **Ballast** is not included in standard configuration weight (ballast is a function of installed equipment).

### PERFORMANCE SUMMARY: (International Standard Day Except as Noted)

... REFER TO DEMONSTRATED TAKEOFF & LANDING AND MAXIMUM OPERATING ALTITUDE NOTES ON THE PERFORMANCE CHARTS ...

<u>TAKEOFF GROSS WEIGHT</u>		<u>KG</u>	<u>1179</u>	<u>1361</u>	<u>1451</u>	<u>1519</u>
IGE Hovering Ceiling	ISA	M	5974	4633	4023	3597*
(0.6 M skid height)	ISA+20C	M	5121	3749	3109	2682*
OGE Hovering Ceiling	ISA	M	4542	3139	1615	(1519Kg@SL)*
	ISA+20C	M	3597	2195	914	(1488Kg@SL)*
Certificated Altitude	ISA	M	6096	6096	4115	4115*
Service Ceiling (MCP)	ISA	M	6096+	5547	4115	4115*
(0.5 M/S)						
Sea Level Max R/C (TOP)	ISA	M/S	9.9	7.7	6.9	6.2*
Maximum Allowable IAS	ISA, SL	km/h	241	241	226	144*
	ISA, 1524M	km/h	230	230	200	144*
MCP True Airspeed	ISA, SL	km/h	224	219	213	143*
@ Takeoff GW	ISA, 1524M	km/h	237	226	213	154*
Range @ LRC Speed	ISA, SL	km	721	708	693	667*
(Avg. GW, Full Fuel)	ISA, 1524M	km	837	800	778	746*
Endurance, @ Loiter 96 km/h	ISA, SL	hr	4.7	4.6	4.5	4.4*
(No Reserve)						

**Note 2:** Operation at Internal Gross Weight above 1451 Kilograms requires the Optional STC Increased Internal Gross Weight to 1519.5 Kilograms Kit (FMS-37).

### ENGINE POWER RATINGS:

( **STANDARD** Rolls-Royce 250-C20J ) Uninstalled Mechanical Rating

Takeoff , kW	313
Maximum Continuous, kW	276

### TRANSMISSION RATINGS:

Takeoff , kW	236
Maximum Continuous, kW	201

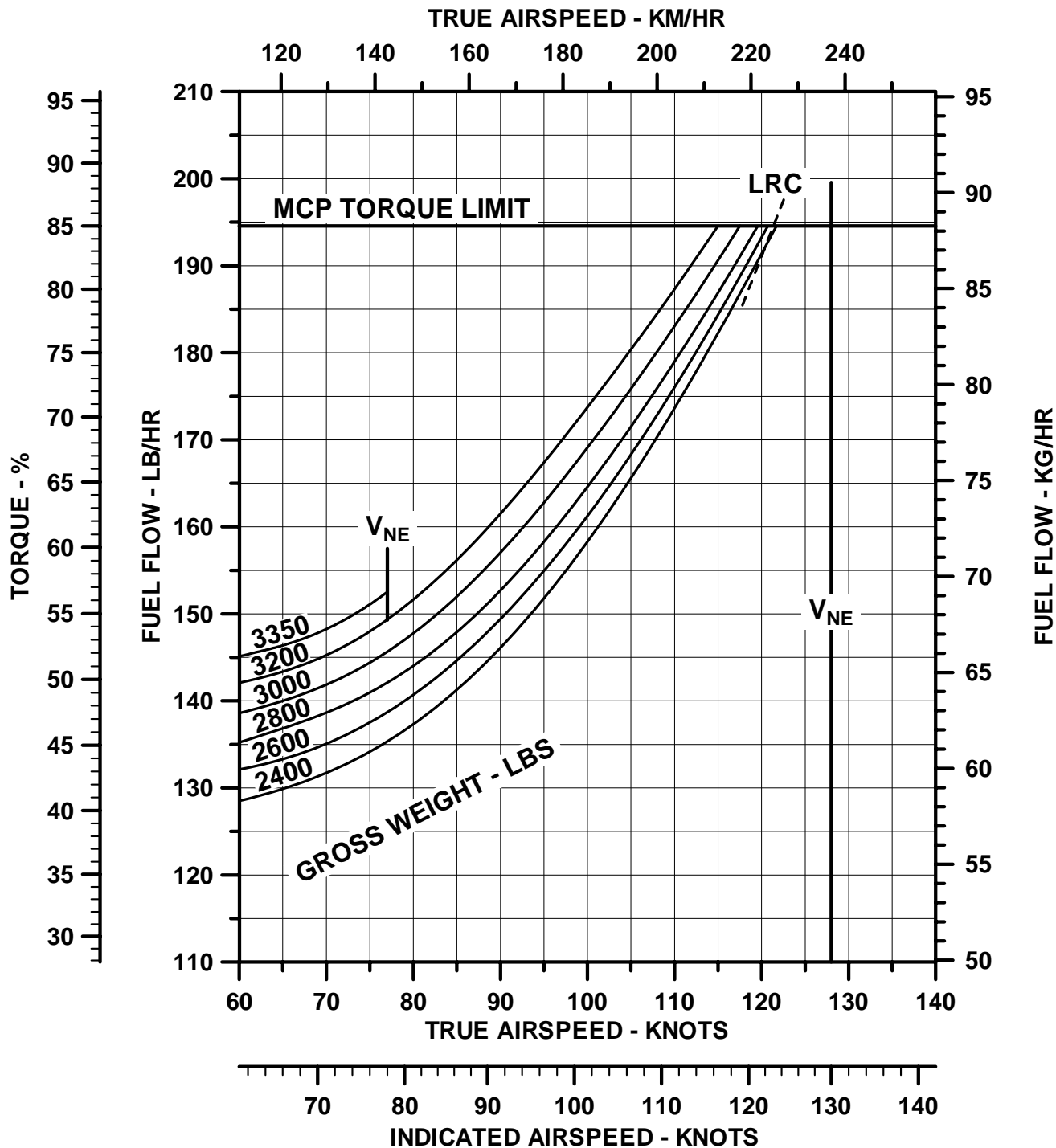
### FUEL:

Type	Aviation Turbine
Capacity (Usable)	344 Liters

THE DATA SET FORTH ON THIS DOCUMENT ARE GENERAL IN NATURE AND MAY VARY WITH CONDITIONS. FOR PERFORMANCE DATA AND OPERATING LIMITATIONS FOR ANY SPECIFIC FLIGHT MISSION, REFERENCE MUST BE MADE TO THE APPROVED FLIGHT MANUAL.



**FUEL FLOW**  
**ROLLS-ROYCE 250-C20B/J ENGINE**  
**PRESSURE ALTITUDE = SEA LEVEL**  
**OAT = +15°C**



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