



Rolls-Royce

Significant facts about the Model 250



Rolls-Royce

© 2005 Rolls-Royce Corporation

The information in this document is the property of Rolls-Royce Corporation and may not be copied, communicated to a third party, or used for any purpose other than that for which it is supplied without the express written consent of Rolls-Royce Corporation.

While this information is given in good faith it is based upon the latest information available to Rolls-Royce Corporation, no warranty or representation is given concerning such information, which must not be taken as establishing any contractual or other commitment binding upon Rolls-Royce Corporation, or any of its subsidiary or associated companies.

GTP 8750 (1-03)

Rolls-Royce Corporation

P.O. Box 420

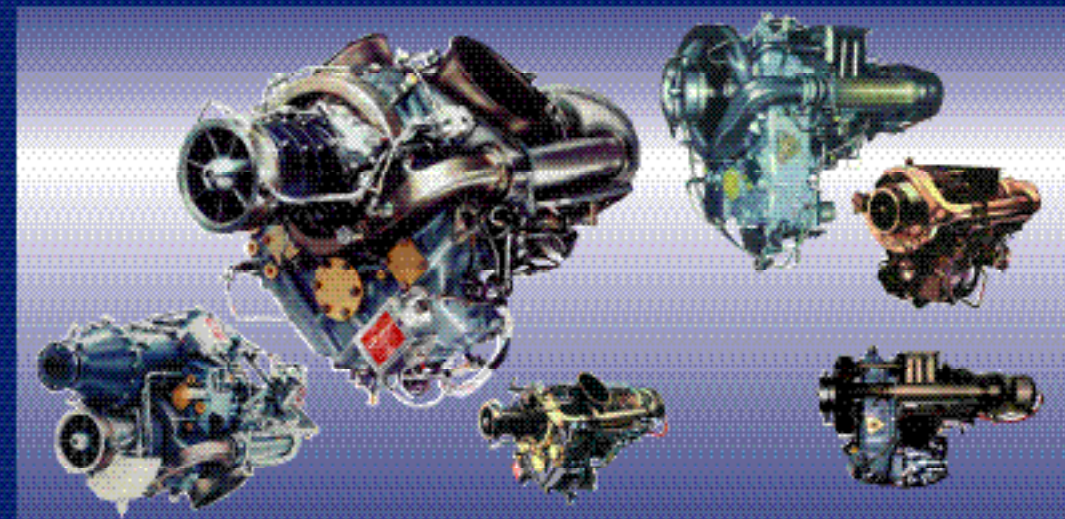
Indianapolis, Indiana

46206-0420 USA

Tel: +(1) 317 230-6638

Fax: +(1) 317 230-3381

www.rolls-royce.com



Current module TBOs* (hours)

Module	C20/C20R Series	B17/B17F Series	C28B/C30	C40/C47
Compressor	3500	3500	On condition	On condition
Gearbox	On condition	On condition	On condition	On condition
Turbine	3500*	3500*	1500/2000	1750/2000
Prop gearbox		On condition†		

* 1750 hr hot section maintenance

† "D" and "F" prop box, 2000 hours

Component parts life limits* (hours/cycles)

Part	C20 Series B17 Series	C20R Series B17F Series	C28 Series	C30 Series	C40B C47B
Compressor wheel life		7500/15,000			
Impeller	3550/9150	7500/15,000	10,000/20,000	12,500/25,000	7500/15,000 7500/15,000
1st stage turbine wheel	1775/3000	1775/3000	1550/3000	2025/3000	1775/3000 2025/3000
2nd stage turbine wheel	1775/3000	1775/3000	1550/3000	2025/3000	1775/3000 2025/3000
3rd stage turbine wheel	4550/6000	4550/6000	4550/6000	4550/6000	4550/6000 4550/6000
4th stage turbine wheel	4550/6000	4550/6000	4550/6000	4550/6000	4550/6000 4550/6000

Production and accrued flight hours (as of 12/31/05)

	Type	Engines produced	Cum. flight hours
Series I	B7/B15G	Turboprop	95
	C10/T63-A-3/5	Turboshaft	2,515
	C18/T63-A-700	Turboshaft	3,895
Series II	B17/B17F (All)	Turboprop	1,196
	C20/T63-A-720 (All)	Turboshaft	15,313
	C20R (All)	Turboshaft	927
Series III	C28 (All)	Turboshaft	869
Series IV	C30 (All)	Turboshaft	3,170
	C40	Turboshaft	273
	C47 (All)	Turboshaft	793

Total commercial and military:

29,046

173,486,500

Component and accessory TBOs* (hours)

Item	Series II		Series III	Series IV	
	Turboprop	Turboshaft	C28 Series	C30 Series	C40/C47 Series
Honeywell fuel control	2000	2500 2000 (C20S)	2500	2500	
Goodrich HMU					2500
Honeywell governor		2000	2000	2000	
Double check valve		On condition	On condition	On condition	
Goodrich fuel control		4000			
Goodrich governor		4000			
Sundstrand single element fuel pump	2250	2250	1500	1500	
Goodrich fuel pumps	3500	3500	3500	3500	
TRW fuel pump	4000	4000	3000	3000	
Dual element fuel pump		2250			
Fuel nozzle	2500	2500	2000	2000	2000
Woodward combined governor		2000			
Woodward prop overspeed governor		3000			
Coordinator	On condition				
Compressor bleed valve	1500	1500	1500	1500	1500

* Life limits and TBO's are provided for reference only and are for most recent components. Older components may have shorter life limits. Consult applicable Model 250 Operation and Maintenance Manual for specific configurations and for approved limits.