



C-130 CARBON BRAKE AND LOCK RING WHEEL

MAXIMIZE PERFORMANCE, REDUCE OPERATING COST

The C-130 Carbon Brake and Lock Ring Wheel system from Collins Aerospace includes our advanced DURACARB® carbon disk technology, providing extended wear life, increased performance and improved strength for years of reduced maintenance operation.

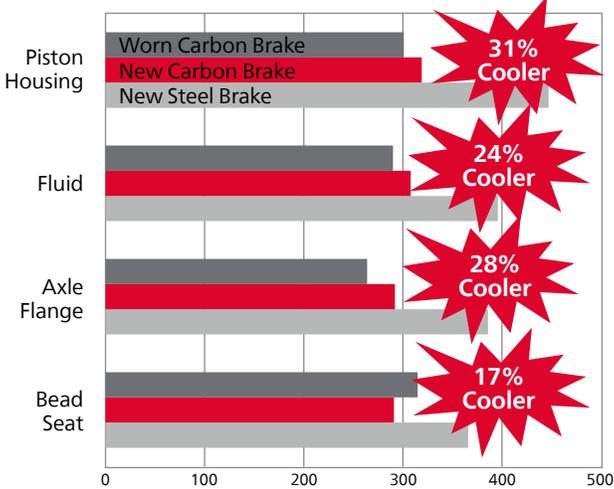
Our two-piece aluminum lock ring wheel provides easier overhaul maintenance as well as reduced service and labor requirements. This patented lock ring design eliminates the need for tie bolts, providing significant time and cost savings.



KEY FEATURES & BENEFITS

- 6 times longer fatigue life wheel (25000 miles vs. 4200 miles)
- 8 times longer brake life between overhauls (2000 landings vs. 250 landings)
- 17% lighter than steel brake and wheel (270 lbs vs. 327 lbs)
- Up to 30% cooler operating temperature than steel brakes (310°F vs. 447°F)
- 25% higher rejected take off energy capability (30 MFP vs. 24 MFP)

CARBON BRAKE VS. STEEL BRAKE OPERATING TEMPERATURE COMPARISON



Superior thermal management enhances safety

Carbon brake - 24.9 MFP

Steel brake - 24.1 MFP

BRAKE SPECIFICATIONS

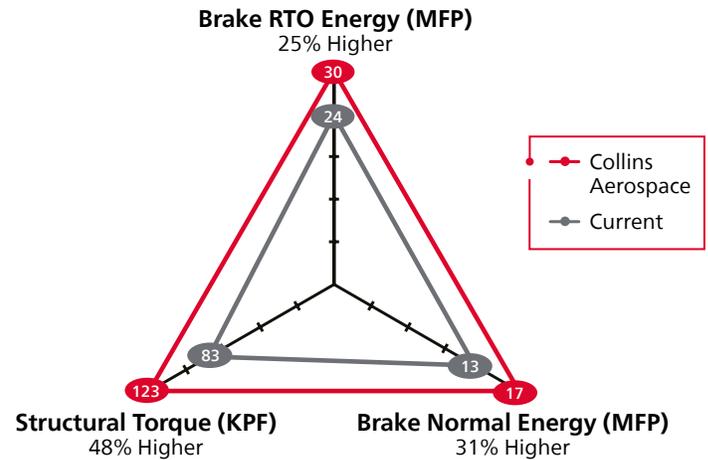
Part Number	2-1744
Type	Carbon
Adjuster Type	Dry Internal
Number of Rotors	3

WHEEL SPECIFICATIONS

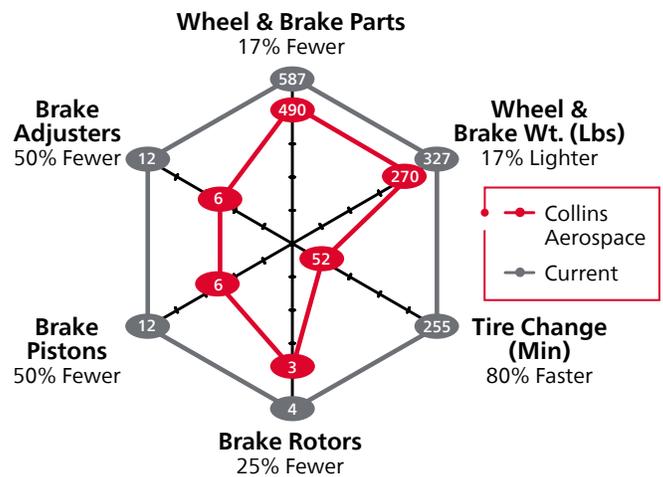
Part Number	3-1660
Tire Type	Bias
Tire Size	20.00-20/26PR
Brake Drive Type	Torque Bar

Specifications subject to change without notice.

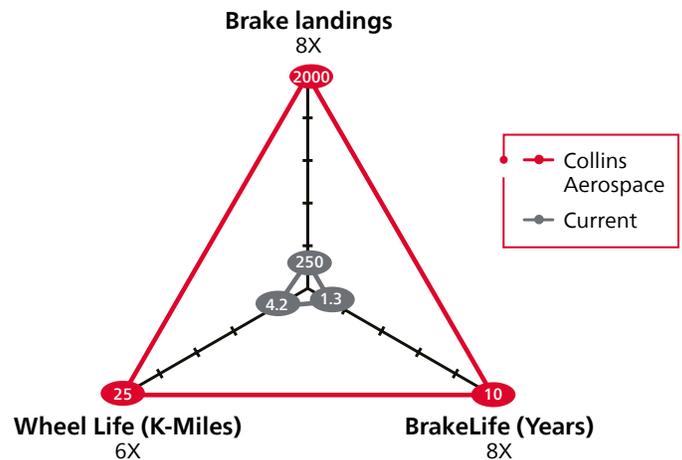
SUMMARY OF FEATURES - PERFORMANCE



SUMMARY OF FEATURES - MAINTAINABILITY



SUMMARY OF FEATURES - LIFE



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