



1,992.80

7/28/15

Tech Annual Date Maintenance

Left Main Gear

3. Main Gear Inspection *Inspect for condition and damage*

Brake Fairing *and attaching hardware* Remove as Req'd
 Wheel Fairing *and attaching hardware* Remove as Req'd
 Gear Leg Fairings
Check: Tires for weather cracking and tread depth
 Gear Attachment bolts for security

02/18/11 02/15/12 02/15/13 04/10/14 05/08/15

4. Tires and Wheel Bearings *(as Required) Done/Due Annual:*

Put Aircraft on Jacks
 • **Disassemble:** Tire and Wheel Assembly
 Wheel Bearings: * Clean, inspect, Repack 2 years or 500 hrs
 Dust seals and Dust seal rings
 • **Reassemble:** Torque wheel half bolts to 160 in-lbs
 Remove Aircraft from Jacks

5. Brakes *Total Time on Brakes at the beginning of the annual:*

Inspect: • Linings *PN: 066-00105 Min: .135 inches* • Inner:
 (New: .235 inches thick) *(Fixed)* • Outer:
 • Guide pins. *(Clean and Lubricate as required)*
 • Disk *PN: 164-02000/12000. Min: .205 inches*
 • Calipers & Brake Lines: Security/Leaks.
 • Attachment Bolts.

6. Final Inspection *(perform as required)*

Set Tire Pressure *(Recommend 35 psi)*
Install: • Wheel Fairing
 • Brake Fairing
 • Wingtip
 • Sump Cover
 • Wing Inspection Covers

	02/18/11	02/15/12	02/15/13	04/10/14	05/08/15
(1)	(1)	(1)	(1)	(1)	(1a)
√d	Removed	√d	Removed	√d	√d
√d	√d	√d	√d	√d	√d
√d	√d	√d	(4) (4a)	(4) (4a)	√d
√d	√d	√d	√d	√d	√d
(2) Due 2012	(3) Due 2014	(3) Due 2014	(5)	(5) Due 2016	
---	X	---	X	---	
---	X	---	X	---	
---	X	---	X	---	
---	X	---	X	---	
---	X	---	X	---	
122.40	168.80	276.34	413.40	91.70	
√d	√d	√d	.098-.132 (6)	X	
√d	√d	√d	.096-.166 (6)	X	
√d	Lubed	√d	Lubed	---	
√d	√d	√d	211 (7)	204	
√d	√d	√d	√d	X	
√d	√d	√d	√d	X	
35	35	35	35	35	
---	X	---	X	---	
---	X	---	X	---	
---	---	---	---	---	
X	X	X	X	X	
X	X	X	X	X	

*Race: Timken 13836-20629
 Bearing: Timken 13889-20629

Left Main Gear

(1) Lots of cracks in the brake fairing (1a) Cracks are getting worse.

(2) This inspection accomplished during the 2010 annual inspection. Next inspection due Annual 2012:

(3) This inspection accomplished during the 2012 annual inspection. Next inspection due Annual 2014:

(4) Getting a little thin. (4a) REPLACE TIRE ANNUAL 2016 !!!!!!!!!!!

(5) This inspection accomplished during the 2014 annual inspection. Next inspection due Annual 2016.

(6) Linings worn almost through. Rivets have scored the disk. New Linings installed.

(7) REPLACE DISK ANNUAL 2016 !!!!!!!!!!!