

REPLACEMENT TIME LIMITS

1. General

- A. The following life-limited components are to be replaced at the specified time. It is recommended that the components be scheduled for replacement during the airplane's inspection interval coinciding with, or occurring just before, the expiration of the specified time limit. Procedures for replacement of the components are described in the applicable chapters in this Maintenance Manual.

2. Replacement Schedule

A. Flight Controls (Chapter 27)

- (1) Flap Bell Crank (Part Number 2622083-18) - Replace at every 2250 landings.
- (2) Flap Bell Crank (Part Number DDA00028-4) - Replace at every 2250 landings.
- (3) Flap Bell Crank (Part Numbers 2622281-2, -12) - Replace at every 7000 landings.
- (4) Flap Bell Crank (Part Number 2692001-2) - Replace at every 7000 landings.

NOTE: Total landings include the accumulated landings of 2622281-2 prior to modification by SK208-123 to the 2692001-2 configuration.

- (5) Flap Bell Crank (Part Numbers 2622311-7, -16) - Replace at every 40,000 landings.
- (6) Flap Bell Crank (Part Number 2622311-7) attaching parts: Bearings (Part Number MS27641-5 or S3952-5) and Bolt (Part Number AN5-77) - Replace at every 10,000 landings.
- (7) Flap Bell Crank (Part Number 2622311-16) attaching parts: Bearings (Part Number KP5A-H or S3952-5) and Bolt (Part Number AN5-77) - Replace at every 10,000 landings.

B. Landing Gear (Chapter 32)

(1) Main Landing Gear

NOTE: The attaching hardware related to this installation is to be replaced whenever the associated components are replaced.

NOTE: The attaching hardware can be used again if a rental component is to be installed for no more than 100 landings. The attaching hardware can also be used again if the original gear is to be installed again. If a replacement gear is installed, all of the attachment hardware must be replaced.

- (a) Main Landing Gear Center Spring (Part Numbers 2641014-1, -2, -3, -4, -5, -6, -7, -8, -9, -12, -13, 2694007-9, 2694008-9) - Replace at every 31,500 landings.
- (b) Main Landing Gear Trunnion Assembly (Part Numbers 2641012-1, -2, -8, -9, -13, -14, -15, -16) - Replace at every 31,500 landings.
- (c) Main Landing Gear Spring (Part Numbers 2641013-1, -2, -3, -4, -5, -6, -7, -8, -9, -10, -17, -19, -200, -201, DDA06280-1, DDA06280-2, 2694007-8, 2694008-8) - Replace at every 31,500 landings.
- (d) Main Landing Gear Attach Pin (Part Numbers 2641008-1, -2, -200) - Replace at every 31,500 landings.
- (e) Main Landing Gear Axles (Part Numbers 2641011-1, -3, -4) - Replace at every 10,000 landings.
- (f) Main Landing Gear Axles (Part Number 2641011-5) - Replace at every 31,500 landings.
- (g) Main Landing Gear Axle Fittings (Part Numbers 2641010-1, -3, -6, -7) - Replace at every 31,500 landings.

(2) Nose Landing Gear

NOTE: The attaching hardware related to this installation is to be replaced whenever the associated components are replaced.

NOTE: The attaching hardware can be used again if a rental component is to be installed for no more than 100 landings. The attaching hardware can also be used again if the original gear is to be installed again. If a replacement gear is installed, all of the attachment hardware must be replaced.

- (a) Nose Gear Drag Link Spring (Part Numbers 2643062-1, -2, -3, -4, -200, DDA06381-1, DDA06382-1) - Replace at every 15,000 landings.

NOTE: For nose gear drag link springs repaired per CAB96-24 or per Chapter 32, Nose Landing Gear - Cleaning/Painting with damage repaired between 0.050 inch and 0.062 inch (1.270

mm and 1.575 mm), the life limit is an additional 12,000 landings after repair, not to exceed 15,000 landings.

NOTE: For nose gear drag link springs repaired per CAB96-24 or per Chapter 32, Nose Landing Gear - Cleaning/Painting with damage repaired between 0.063 inch and 0.075 inch (1.600 mm and 1.905 mm), the life limit is an additional 10,000 landings after repair, not to exceed 15,000 landings.

- (b) Nose Gear Assembly (Part Numbers 2643045, 2643100 and 2643095 Series Part Numbers) - Replace at every 40,000 landings.

NOTE: For an illustration of the nose gear assembly to be replaced, refer to Chapter 32, section 32-20-00, Nose Landing Gear - Maintenance Practices.

- (c) Support Assembly, Nose Gear Spring (Part Numbers 2643030, 2643055, 2643099, and 2643103 Series Part Numbers) - Replace at every 40,000 landings.

NOTE: For an illustration of the nose gear spring support assembly to be replaced, refer to Chapter 32, section 32-20-00, Nose Landing Gear - Maintenance Practices.

- (d) Fork Assembly, Nose Gear Spring (Part Numbers 2643031-1, -7) - Replace at every 40,000 landings.

NOTE: For an illustration of the nose gear spring fork assembly to be replaced, refer to Chapter 32, section 32-20-00, Nose Landing Gear - Maintenance Practices.

C. Oxygen (Chapter 35)

- (1) The airplane may be equipped with a two-port oxygen system incorporating a 50.67 cubic-foot-capacity oxygen cylinder (Part Numbers C166001-1101 and C166001-1201) or a ten port oxygen system incorporating a 116.95 cubic-foot-capacity oxygen cylinder (Part Numbers C166001-1102 and C166001-1103). Both cylinders have a life limit of 15 years. Refer to Task 35-01-00-960.