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CIVIL AVIATION ADMINISTRATION

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LENTOTURVALLISUUSHALLINTO
FLIGHT SAFETY AUTHORITY

LENTOKELPOISUUSMÄÄRÄYS
AIRWORTHINESS DIRECTIVE



M 2407/96

29.10.1996

Lentokelpoisuussäätöjen noudattaminen on ilma-aluksen jatkuvan lentokelpoisuuden edellytyksenä. Säätöjen mukaisen toimenpiteen saa tehdä ja kuitata, ellei säätöissä toisin mainita, se jolla ilmailusäätöjen AIR M2-1, AIR M4-1, AIR M5-3, AIR M5-10, AIR M6-1, OPS M2-10, JAR-OPS 1 tai JAR OPS 3 mukaisesti on oikeus tehdä kyseisen ilma-aluksen tai -välineen määräämiä huoltoja. Tehty toimenpide on merkittävä ilma-aluksen teknilliseen päiväkirjaan tai purjelentokoneen matkapäiväkirjaan. Lentokelpoisuussäätö on annettu ilmailulain (281/95) 17§:n perusteella.

Fairchild Aircraft. Ikkunoiden vaihto.

Koskee: Lentokoneita SA26-T, SA26-AT, SA226-T, SA226-T(B), SA226-AT, SA226-TC, SA227-AT, SA227-AC, SA227-BC ja SA227-TT, kaikki sarjanumerot.

Viite: FAA AD FORMDROPDOWN96-20-08.

Voimaantulo: 1.12.1996

Voimassaoloaika: Tämä määräys on voimassa toistaiseksi.

Toimenpiteet:

- A.** Vaihda lentokoneen ohjaamon yksinkertaiset siviikkunat uusiin, kun koneen kokonaislentoaika saavuttaa 5000 tuntia tai 1000 lentotunnin kuluttua tämän määräyksen voimaan astumisesta, kumpi tulee myöhemmin. Vaihda ikkunat uusiin sen jälkeen 5000 lentotunnin välein huoltokäsikirjan ohjeiden mukaisesti.
- 1.** Tee kohdan **B** mukainen tarkastus 10 -20 lentotunnin kuluttua ikkunoiden vaihtamisen jälkeen sen varmistamiseksi, ettei asennuksen jälkeen ole syntynyt vaurioita.
 - 2.** Jos vaurioita on syntynyt, niin noudata tämän määräyksen liitteessä olevan taulukon 1 ohjeita.
- B.** Tarkasta lentokoneen ohjaamon akryylistä valmistetut yksinkertaiset siviikkunat silmämääräisesti kohdan **D.2** mukaisten huolto-ohjeiden mukaisesti. Noudata tarkastuksessa tämän määräyksen liitteessä olevan taulukon 1 aikataulua.
- C.** Tarkasta kaikki lentokoneen matkustamon akryylistä valmistetut ikkunat ja ohjaamon akryylistä valmistetut kaksinkertaiset siviikkunat silmämääräisesti kohdan **D.1** ja **D.2** mukaisten huolto-ohjeiden mukaisesti. Noudata tarkastuksessa tämän määräyksen liitteessä olevan taulukon 2 aikataulua.
- D.** Seuraavassa luetellaan tarkastuksessa käytettävät huolto-ohjeet.
- 1.** Matkustamon akryylistä valmistetut ikkunat:

Tyyppi

Service Bulletin

SA26-T & SA26-AT

26-56-20-042, Issued: 28.11.1988, Revised: 7.2.1991

SA226-T & SA226-T(B)	226-56-001, Issued: 2.2.1983, Revised: 26.11.1991
SA226-AT & SA226-TC	226-56-002, Issued: 3.3.1983, Revised: 19.5.1992
SA227-AT, SA227-AC & Revised: 29.5.1992	227-56-002, Issued: 5.1.1984, & 1.4.1993
SA227-BC	
SA227-TT	227-56-001, Issued: 2.2.1983, Revised: 26.11.1991

2. Ohjaamon akryylistä valmistetut sivuikkunat:

Tyyppi	Service Bulletin
SA26-T & SA26-AT	26-56-10-038, Issued: 8.10.1984, Revised: 7.2.1991
SA226-T, SA226-T(B), SA226-AT, & SA226-TC	226-56-003, Issued: 13.9.1984, Revised: 2.11.1989
SA227-AT, SA227-AC, SA227-BC, & SA227-TT	227-56-003, Issued: 13.9.1984, Revised: 2.11.1989

TAULUKKO/TABELL 1

Condition	Initial Action	Repetitive Action
Upon the effectiveness of this AD.	Inspect at 150 hours TIS after the effective date of this AD.	Reinspect at intervals not to exceed 1,000 hours TIS or 12 calendar months, whichever occurs first, provided no cracks are found. Use applicable condition column entry to determine compliance times if cracks are found.
If cracks are found where the sum total of all cracks is less than 4.3 inches in combined length, but where a crack meets or exceeds .30 inches as specified in the Crack Limitations section of the service information referenced in paragraph (d)(2) of this AD.	Accomplish one of the following: 1. Prior to further flight, replace the window with a new window of like design in accordance with the applicable maintenance manual. or 2. Prior to further flight, fabricate a placard with the following words in letters at least 0.10-inch in height and install this placard within the pilot's clear view close to the pressurization controls: "AIRPLANE MUST BE OPERATED UNPRESSURIZED", and prior to further flight, insert a copy of this AD into the Limitations Section of the FAA-approved Airplane Flight Manual (AFM).	Accomplish the corresponding repetitive action: 1. Reinspect initially between 10 and 20 hours TIS after replacing the window to ensure that no damage has occurred after installation, and thereafter at intervals not to exceed 1,000 hours TIS or 12 calendar months, whichever occurs first, provided no cracks are found. Use applicable condition column entry to determine compliance times if cracks are found.
If cracks are found where the sum total of all cracks meets or exceeds 4.3 inches in combined length.	Prior to further flight, replace the window with a new window of like design in accordance with the applicable maintenance manual.	2. Repeat the inspection specified in paragraph (b) of this AD at intervals not to exceed 25 hours TIS or 30 calendar days, whichever occurs first, provided the sum total of all cracks does not exceed 4.3 inches in combined length. Use the "If cracks are found where the sum total of all cracks meets or exceeds 4.3 inches in combined length" condition column for replacement and inspection times if the cracks found are at that level.
With cracks found that are less than .30 inches (as specified in the applicable service information referenced in paragraph (d)(2) of this AD) provided the sum total of all cracks does not exceed 4.3 inches in combined length.	Reinspect within 25 hours TIS or 30 calendar days, whichever occurs first.	Reinspect initially between 10 and 20 hours TIS after replacing the window to ensure that no damage has occurred after installation, and thereafter at intervals not to exceed 1,000 hours TIS or 12 calendar months, whichever occurs first, provided no cracks are found. Use applicable condition column entry to determine compliance times if cracks are found.
		Continue this reinspection at intervals not to exceed 25 hours TIS or 30 calendar days, whichever occurs first, provided no crack is found that is .30 inches or greater or the combined length of all cracks exceeds 4.3 inches in combined length. Use applicable condition column entry to determine compliance times if any of these crack limits are met.

<u>Condition</u>	<u>Initial Action</u>	<u>Repetitive Action</u>
With no cracks found after one of the inspections required by this AD.	Reinspect within 1,000 hours TIS and 12 calendar months after the last inspection, whichever occurs first.	Reinspect at intervals not to exceed 1,000 hours TIS or 12 calendar months, whichever occurs first, provided no cracks are found. Use applicable condition column entry to determine compliance times if cracks are found.

TAULUKKO/TABELL 2

<u>Condition</u>	<u>Initial Action</u>	<u>Repetitive Action</u>
Upon the effectiveness of this AD.	Inspect at 150 hours TIS after the effective date of this AD, unless already accomplished within the last 1,000 hours TIS or 12 calendar months, which would put airplane in compliance with superseded AD 93-19-06. Use the results of the previous inspection under AD 93-19-06 to determine repetitive action.	Reinspect at intervals not to exceed 1,000 hours TIS or 12 calendar months, whichever occurs first, provided no cracks are found. Use applicable condition column entry to determine compliance times if cracks are found. For airplane owners/operators taking "unless already accomplished" credit for the initial inspection, use the results of the previous inspection under AD 93-19-06 to determine the repetitive action.
If cracks are found where the sum total of all cracks is less than 4.3 inches in combined length, but where a crack meets or exceeds .30 inches as specified in the Crack Limitations section of the service information referenced in paragraph (d)(2) of this AD.	Accomplish one of the following: I. Prior to further flight, replace the window with a new window of like design in accordance with the applicable maintenance manual. or 2. Prior to further flight, fabricate a placard with the following words in letters at least 0.10-inch in height and install this placard within the pilot's clear view close to the pressurization controls: "AIRPLANE MUST BE OPERATED UNPRESSURIZED", and prior to further flight, insert a copy of this AD into the Limitations Section of the FAA-approved Airplane Flight Manual(AFM).	Accomplish the corresponding repetitive action: 1. Reinspect initially between 10 and 20 hours TIS after replacing the window to ensure that no damage has occurred after installation, and thereafter at intervals not to exceed 1,000 hours TIS or 12 calendar months, whichever occurs first, provided no cracks are found. Use applicable condition column entry to determine compliance times if cracks are found. or 2. Repeat the inspection specified in paragraph (b) of this AD at intervals not to exceed 25 hours TIS or 30 calendar days, whichever occurs first, provided the sum total of all cracks does not exceed 4.3 inches in combined length. Use the "If cracks are found where the sum total of all cracks meets or exceeds 4.3 inches in combined length" condition column for replacement and inspection times if the cracks found are at that level.

TAULUKKO/TABELL 2

Condition	Initial Action	Repetitive Action
If cracks are found where the sum total of all cracks meets or exceeds 4.3 inches in combined length.	Prior to further flight, replace the window with a new window of like design in accordance with the applicable maintenance manual.	Reinspect initially between 10 and 20 hours TIS after replacing the window to ensure that no damage has occurred after installation, and thereafter at intervals not to exceed 1,000 hours TIS or 12 calendar months, whichever occurs first, provided no cracks are found. Use applicable condition column entry to determine compliance times if cracks are found.
With cracks found that are less than .30 inches (as specified in the applicable service information referenced in paragraph (d)(2) of this AD) provided the sum total of all cracks does not exceed 4.3 inches in combined length.	Reinspect within 25 hours TIS or 30 calendar days, whichever occurs first.	Continue this reinspection at intervals not to exceed 25 hours TIS or 30 calendar days, whichever occurs first, provided no crack is found that is .30 inches or greater or the combined length of all cracks exceeds 4.3 inches in combined length. Use applicable condition column entry to determine compliance times if any of these crack limits are met.
With no cracks found after one of the inspections required by this AD.	Reinspect within 1,000 hours TIS and 12 calendar months after the last inspection, whichever occurs first.	Reinspect at intervals not to exceed 1,000 hours TIS or 12 calendar months, whichever occurs first, provided no cracks are found. Use applicable condition column entry to determine compliance times if cracks are found.