
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Sprickundersökning av noshjulsfälg

GÄLLER: PA31, PA31-300 och PA31-325 S/N 31-2 t o m 31-8112038
PA31-350 S/N 31-5001 t o m 31-8152088
PA31P S/N 31P-3 t o m 31P-7730012

ÅTGÄRD: Utför åtgärder angivna i bifogad kopia av FAA AD 97-07-03.

TID FÖR ÅTGÄRD: Det som senast inträffar av 100 flygtimmar räknat från detta LVD's utgivningsdatum eller 2000 flygtimmar totalt för berört noshjul. Därefter i intervaller enligt FAA AD 97-07-03.

UNDERLAG: FAA AD 97-07-03
Piper Aircraft Corporation Service Bulletin (SB) No 700A daterad 12 oktober 1981.

REFERENS: FAA AD 97-07-03

BESLUTSDATUM: 1997-05-16

LFS 1997:23

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.

Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

Postadress	Gatuadress	Telefonnummer	Telegram	Telex
601 79 NORRKÖPING	Vikboplan 11	011-192000	Civilair Norrköping	62450



AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION
P.O. BOX 26460
OKLAHOMA CITY, OKLAHOMA 73125-0460

U.S. Department
of Transportation
**Federal Aviation
Administration**

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

97-07-03 THE NEW PIPER AIRCRAFT, INC.: Amendment 39-9976; Docket No. 96-CE-29-AD, Supersedes AD 81-11-04, Amendment 39-4114.

Applicability: The following Models and serial numbered airplanes equipped with Cleveland part number (P/N) 40-76B (Piper P/N 451 784) nose wheel assembly, certificated in any category.

Models	Serial Numbers
PA31, PA31-300, and PA31-325	31-2 through 31-8112038
PA31-350	31-5001 through 31-8152088
PA31P	31P-3 through 31P-7730012

NOTE 1: This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (d) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required within the next 100 hours time-in-service (TIS) after May 22, 1981 (effective date of AD 81-11-04); within the next 100 hours TIS after the effective date of this AD; or upon the accumulation of 2,000 hours TIS on the nose wheel assembly, whichever occurs later, unless already accomplished.

To prevent the failure of the nose wheel, which if not corrected, could result in loss of control of the airplane during taxiing, take-off, or landing operations, accomplish the following:

(a) Inspect the nose wheel assembly, Cleveland part number (P/N) 40-76B (The New Piper Aircraft, Inc. P/N 451 784), for cracks in accordance with the "Instructions" section of Piper Aircraft Corporation (Piper) Service Bulletin (SB) 700A, dated October 12, 1981.

(1) If cracked, prior to further flight, replace Cleveland P/N 40-76B (Piper P/N 451 784) with a new Cleveland P/N 40-76B (Piper P/N 451 784) nose wheel assembly. Upon the accumulation of 2,000 hours TIS, reinspect at 100 hour intervals or at each tire change, whichever occurs first; or,

(2) As an alternative to paragraph (a)(1), if cracked, replace Cleveland P/N 40-76B (Piper P/N 451 784) with a serviceable Cleveland P/N 40-140 (Piper P/N 551 791) nose wheel assembly of improved design in accordance with the "Instructions" section of Piper SB 700A, dated October 12, 1981.

(3) If no cracks are found and Cleveland P/N 40-140 (Piper P/N 551-791) is not installed, repetitively inspect at intervals not to exceed 100 hours TIS or at each tire change, whichever occurs first.

(b) The installation of Cleveland P/N 40-140 (Piper P/N 551 791) is considered terminating action for the inspection requirements of paragraph (a) and (a)(3) of this AD.

(c) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

(d) An alternative method of compliance or adjustment of the compliance times that provides an equivalent level of safety may be approved by the Manager, FAA, Atlanta Aircraft Certification Office, Campus Building, 1701 Columbia Ave., suite 2-160, College Park, Georgia 30337-2748. The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Atlanta Aircraft Certification Office.

NOTE 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from Atlanta Aircraft Certification Office.

(e) The inspections and replacement required by this AD shall be done in accordance with Piper Aircraft Corporation Service Bulletin No. 700A, dated October 12, 1981. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from The New Piper Aircraft, Inc., Attn: Customer Service, 2926 Piper Dr., Vero Beach, Florida, 32960. Copies may be inspected at the FAA, Central Region, Office of the Assistant Chief Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(f) This amendment becomes effective on May 15, 1997.

FOR FURTHER INFORMATION CONTACT:

Christina Marsh, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, Campus Building, 1701 Columbia Ave., suite 2-160, College Park, Georgia 30337-2748; telephone (404) 305-7362, facsimile (404) 305-7348.