

MANDATORY SERVICE BULLETIN

DATE: May 5, 2006 Service Bulletin No. 571
SUBJECT: Reprint of Sky-Tec Service Bulletin No. 2006-3-1 (Replacement of Specified Sky-Tec Starters – Model 31B22101/149-24PM)
MODELS AFFECTED: Lycoming IO-540-AC1A5, TIO-540-AJ1A model engines.
TIME OF COMPLIANCE: Same as required for Sky-Tec Service Bulletin No. 2006-3-1.

Sky-Tec Service Bulletin No. 2006-3-1 is reprinted in its entirety as follows. Lycoming requires compliance with all elements of this Service Bulletin and with the additional notes listed below.

This reprint is current at the time Lycoming Service Bulletin No. 571 is issued. However, when complying with this Service Bulletin, insure that compliance is in accordance with the latest revision of Sky-Tec Service Bulletin No. 2006-3-1.

CAUTION

THE SKY-TEC STARTER SERIAL NUMBERS LISTED IN TABLE 1 OF SERVICE BULLETIN NO. 2006-3-1 **CANNOT** BE USED ON LYCOMING ENGINE MODELS IO-540-AC1A5 AND TIO-540-AJ1A.

NOTE 1

On Lycoming engines, the Sky-Tec starter serial number is located on the starter data plate. This data plate also lists the Sky-Tec starter model number (149-24PM), voltage, and pitch. The Lycoming part number (P/N 31B22101) is listed on a separate tag below the starter data plate.

NOTE 2

If your Sky-Tec starter serial number is not listed on Sky-Tec Service Bulletin No. 2006-3-1, then at the next time the engine cowling is open, visually inspect the area between the alternator drive belt and starter housing for interference or rubbing. Report any interference or rubbing to Lycoming by phone at 570-323-6181.

NOTE 3

Contact information for Sky-Tec is:

Sky-Tec
Attention: Mr. Gene Chiappe
350 Howard Clemmons Road
Granbury, Texas 76048
Phone: 800-476-7896
International: 817-573-2250
Fax: 817-573-2252



SERVICE BULLETIN 2006-3-1

March 20, 2006

TITLE

Replacement of Specified Sky-Tec Starters - Model 31B22101/149-24PM

APPLICABILITY

Cessna 206H and T206H aircraft equipped with 95 amp alternator and PMA replacement Sky-Tec model 31B22101/149-24PM starters with the following serial numbers.

TABLE 1 - Affected Starter Serial Numbers

F4P-010601 thru 608	F4P-070650	F4P thru 400501-523	F4P-450519 thru 527
F4P-020601 thru 614	F4P-250501 thru 508	F4P thru 420501-518	F4P-460501 thru 526
F4P-030601 thru 620	F4P-320501 thru 551	F4P thru 430501-506	F4P-490501 thru 506
F4P-060601 thru 607	F4P-380501 thru 542	F4P-450501	F4P-500501 thru 538

The starters listed above were released and sold by Sky-Tec after July 8, 2005.

DESCRIPTION

Interference (rubbing) between the alternator drive belt and starter housing has been observed on Cessna 206H and T206H aircraft that were configured with the optional 95 amp alternator and particular 31B22101/149-24PM starters. This interference can cause excessive wear and subsequent failure of the alternator drive belt resulting in alternator failure during flight or ground operations.

OPERATING RESTRICTIONS

DO NOT OPERATE IN IFR CONDITIONS Cessna 206H and T206H aircraft with 95 amp alternator and Sky-Tec starter until after the Required Action has been completed.

REQUIRED ACTION

Compliance with this Service Bulletin is MANDATORY and shall be accomplished within the next 25 hours of operation or 60 days, whichever occurs first, and whenever a starter is replaced in the future.

Determine the serial number of the starter. It is imprinted on the PMA identification tag that is adhered to the starter housing.

If the serial number on starter matches any serial number listed in Table 1 above, remove the starter and contact Sky-Tec for a replacement unit. Replace the alternator drive belt if any evidence of rubbing or excessive wear is found.

If serial number on starter does not match any serial number listed in Table 1 above, no further action is required.

CONTACT INFORMATION

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 350 Howard Clemmons Road
 Granbury, Texas 76048
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