

SUBJECT: INSTALLATION OF SKID SHOES (P/N C320I0190001)

The Installation of Skid Shoes facilitates run-on landings in soft ground by limiting the sinking behaviour of the skids. The skid shoe assembly consists of a plastic shoe machined from Tivar plastic and a titanium sheet metal wear plate protecting the bottom of the shoe.

APPLICABILITY:

The Flight Manual Supplement must be used when the Skid Shoes are installed on the helicopter.

Department of Transport
 (Canada) Approved



IMPORTANT NOTE

THE INFORMATION AND DATA CONTAINED IN THIS DOCUMENT SUPERSEDE OR SUPPLEMENT THAT CONTAINED IN THE BASIC APPROVED FLIGHT MANUAL FOR THE EC 120 B HELICOPTER IN THOSE AREAS LISTED HEREIN. FOR LIMITATIONS, PROCEDURES AND PERFORMANCE NOT CONTAINED IN THIS DOCUMENT REFER TO THE APPROVED FLIGHT MANUAL AND OTHER APPLICABLE APPROVED FLIGHT MANUAL SUPPLEMENTS.

SECTIONS 2, 3, 4 AND 5 OF THIS DOCUMENT COMPRISE THE APPROVED FLIGHT MANUAL SUPPLEMENT. COMPLIANCE WITH SECTION 2, LIMITATIONS, IS MANDATORY.

SECTIONS 1 AND 6 ARE UNAPPROVED AND ARE PROVIDED FOR INFORMATION ONLY.

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	NAME AND SIGNATURE	DATE	COMPANY DEPARTMENT
PREPARED BY:	D. Kerr	Digitally signed by D. Kerr Date: 2024.06.05 13:17:03 -04'00'	AHCA ENGINEERING
PREPARED BY:			
CHECKED BY:	Francois Millian	Digitally signed by Francois Millian DN: cn=Francois Millian, o=Flight Operations, ou=Head of Flight Operations, email=francois.millian@airbus.com, c=CA Date: 2024.06.05 09:30:49.04 -04'00'	AHCA HEAD OF FLIGHT OPERATIONS
CHECKED BY:	Alexandra Guderley - SIG	Digitally signed by Alexandra Guderley - SIG Date: 2024.06.05 15:12:27 -04'00'	AHCA ENGINEERING
REV. 0 RELEASED BY:	Jeremy Le Roux	Digitally signed by Jeremy Le Roux Date: 2024.06.06 10:25:09 -04'00'	AHCA ENGINEERING
APP'D/ ACCEPTED (Civil A/W Authority)	See TCCA Stamp		TCCA

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1 GENERAL (unapproved)

A. The Installation of Skid Shoes facilitates run-on landings in soft ground by limiting the sinking behaviour of the skids. The skid shoe assembly consists of a plastic shoe machined from Tivar plastic and a titanium sheet metal wear plate protecting the bottom of the shoe. The skid shoe is installed onto the skid tube overlapping the existing forward wear plate picking up on existing hardware. A clamp with a rubber pad secures the forward end of the skid shoe. With this installation there is no modification required to the existing landing gear. Refer to Figure 1.

The Installation of Skid Shoes is compatible with standard and reinforced forward wear plates. It is also compatible with skis.

NOTE: The Installation of Skid Shoes is not compatible with Floats.

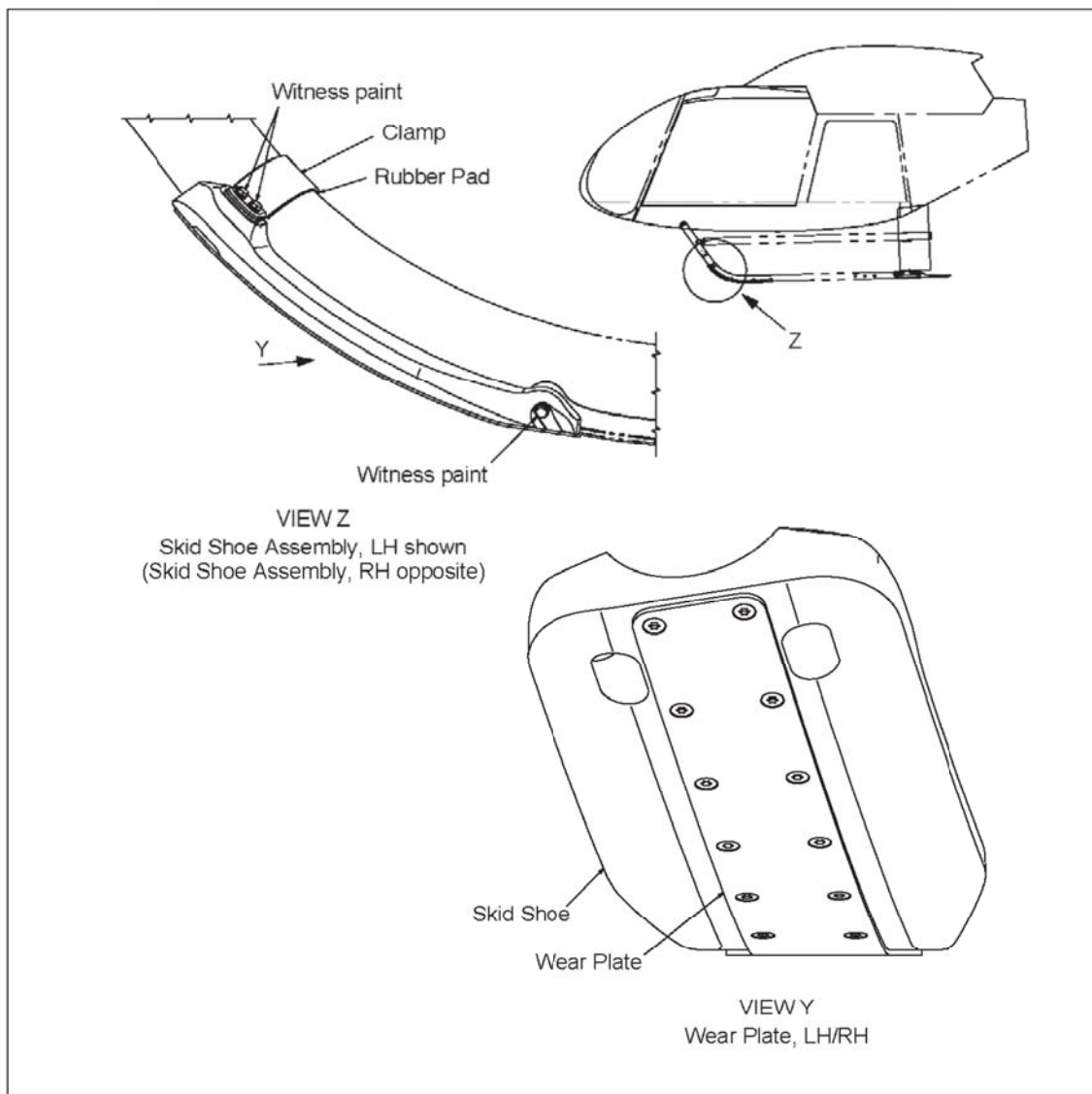


Figure 1 Skid Shoe details

1. **GENERAL (unapproved)** (continued)

Abbreviations and Definitions

ABBREVIATION	DEFINITION
Acc'd	Accepted
AHCA	Airbus Helicopters Canada Limited
App'd	Approved
A/W	Airworthiness
CAR	Canadian Aviation Regulations
DAPM	Design Approval Procedure Manual
LH	Left Hand
P/N	Part Number
Rev.	Revision
RH	Right Hand
STC	Supplemental Type Certificate
TCCA	Transport Canada Civil Aviation

2 LIMITATIONS

The Installation of Skid Shoes is not compatible with Floats.

3 EMERGENCY PROCEDURES

No change to existing approved Flight Manual.

4 NORMAL PROCEDURES

a. Pre-Flight Check

The following checks are to be carried out prior to every flight with the Skid Shoes installed. Refer to Figure 1.

- | | |
|------------------------|---|
| Mounting bolts | - Check for security and witness paint applied |
| Condition of skid shoe | - Check for cracking, excessive wear or damage |
| Wear plate, LH/RH | - Check for excessive wear, denting, cracking or damage
- Check for security |

5 PERFORMANCE DATA

No change to basic Flight Manual data.

6 WEIGHT AND BALANCE (unapproved)

Total changes to weight and balance resulting from this modification are covered in the applicable Instructions for Continued Airworthiness.

Items that are removed between routine operations: Not applicable.