



H145 D-3 BEAR PAW, KIT FLIGHT MANUAL SUPPLEMENT

MODELS: AIRBUS H145 D-3 (BK117 D-3)

Read all of the Flight Manual Supplement thoroughly
prior to commencing flight operations

General Notes

1. The following information defines the operational requirements of Airbus H145 D-3 (BK117 D-3) rotorcraft when modified with the H145 D-3 Bear Paw, Kit as defined in Alpine Aerotech LP Master Data List (AAL-290-094-001).
2. Refer to the current revision of the H145 D-3 Bear Paw, Kit Instructions for Continuing Airworthiness (AAL-290-095-701) for installation/removal and maintenance procedures related to this aeronautical product.
3. All dimensions are in imperial measures (inches/pounds) unless otherwise specified.
4. If changes to this document are required, Alpine Aerotech LP shall revise all pages and reissue the entire document.
5. Alpine Aerotech LP shall make any subsequent revisions of this document available free of charge upon request. Alpine Aerotech LP also recommends that the end user of this aeronautical product periodically verify the revision level of this document.

Approved Notes

1. This document shall be attached to the Basic Rotorcraft Flight Manual for the applicable aircraft with subject design change incorporated in accordance with the current revision of the Alpine Aerotech LP Master Data List AAL-290-094-001.
2. The information within this document supplements or supersedes the Basic Rotorcraft Flight Manual to the extent specified herein.
3. Refer to the current revision of the Basic Rotorcraft Flight Manual or other applicable approved Flight Manual Supplement(s) for limitations, procedures and performance information not outlined within this document.
4. Sections 1, 2, 3 & 4 of this document are Approved sections. Compliance with Section 1 Limitations is mandatory.

Transport Canada Approved

SECTION 1 **Limitations**

1. No change to the Basic Rotorcraft Flight Manual.

SECTION 2 **Normal Procedures**

1. No change to the Basic Rotorcraft Flight Manual.

SECTION 3 **Emergency Procedures**

1. No change to the Basic Rotorcraft Flight Manual.

SECTION 4 **Performance Data**

1. With the H145 D-3 Bear Paw, Kit installed, apply a reduction of 4 knots TAS to all maximum cruising speed charts.
2. Apply a 40ft/min climb penalty in both AEO and OEI when the H145 D-3 Bear Paw, Kit is installed.
3. Apply a gross weight reduction of 66lbs (30kg) for CAT A operations when the H145 D-3 Bear Paw, Kit is installed.

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SECTION 5 Weight and Balance

1. Refer to the Basic Rotorcraft Flight Manual and applicable Flight Manual Supplements for the appropriate weight and center of gravity limitations. There is no change to existing rotorcraft weight and center of gravity limitations with the subject design change incorporated.
2. The following weight and balance data is for reference only. Refer to the current revision of the H145 D-3 Bear Paw, Kit Instructions for Continuing Airworthiness (AAL-290-095-701) for governing weight and balance data.

<u>Part Number</u>	<u>Description</u>	<u>Weight</u>	<u>Long. Arm</u>	<u>Lat. Arm</u>
AAL-290-090-001	Bear Paw, Kit †	21.12* 9.58 (Kg)	203.11 5159 (mm)	0.00 0.00 (mm)
AAL-290-090-001	Bear Paw, Kit ‡	20.17* 9.15 (Kg)	203.15 5160 (mm)	0.00 0.00 (mm)

- † Applicable to installations with Grippers (Item 7) and associated hardware
‡ Applicable to installations without Grippers (Item 7) and associated hardware
* Total increase in weight to aircraft.