

ACCEPTABLE DATA

The data described in this document has been found to be acceptable by a delegate of the Minister of Transport in conformity with paragraph 4.2(o) and subsection 4.3(1) of the Aeronautics Act.


T.C. Clark, DAR 326

2022/08/08
YYYY/MM/DD

It is the responsibility of the installer to determine that the modification as installed in the aircraft does not constitute a major modification prior to use of this data.

505 CREW HEADSET, HANGER INSTRUCTIONS FOR CONTINUING AIRWORTHINESS

MODELS: 505

Read all of the Instructions for Continuing Airworthiness thoroughly prior to performing any activities relating to this product

Table of Contents

<u>Section</u>	<u>Description</u>	<u>Page</u>
1	Introduction	2
	Applicability	2
2	Description	3
3	Operation	3
4	Maintenance Instructions	4
5	Repair Procedures	6
6	Removal/Replacement	6
	6.1 Removal Instructions	6
	6.2 Replacement Instructions	7
7	General	7
8	Airworthiness Limitations	7
9	Illustrated Parts Breakdown	8

Notes

1. If changes to this document are required, Alpine Aerotech LP shall revise all pages and reissue the entire document.
2. 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 product periodically verify the revision level of this document.

SECTION 1: INTRODUCTION

This document comprises Instructions for Continuing Airworthiness that apply to the 505 Crew Headset, Hanger.

Applicability

The 505 Crew Headset, Hanger is applicable to all Bell 505.

SECTION 2: DESCRIPTION

The following information provides a functional description of the 505 Crew Headset, Hanger as defined in Alpine Aerotech LP datasets AAL-391-034-001.

- The 505 Crew Headset, Hanger is designed to be mounted in a location easily accessible to crew and passengers sitting in the pilot and co-pilots position.
- They allow for the stowage and organization of crew and passenger headset units.

SECTION 3: OPERATION

1. If a headset is stowed during flight, the retention system should be engaged.

SECTION 4: MAINTENANCE INSTRUCTIONS

General Notes

1. The following information defines the instructions for continuing airworthiness, repair allowances and airworthiness limitations for the item(s) referenced within this document.
2. Refer to the current revisions of the Aircraft Maintenance Manual for Instructions for Maintenance/Inspection with respect to the item(s) referenced within this document.
3. Refer to the Section 6: Removal/Replacement Instructions and Section 9: Illustrated Parts Breakdown for the replacement and/or installation of the item(s) referenced within this document.
4. Scheduled inspections for the item(s) referenced within this document shall be accomplished in accordance with (IAW) the Inspection Procedures specified.
5. Repair allowances for the item(s) referenced within this document shall be accomplished IAW the Repair Procedures specified.
6. Limitations for the item(s) referenced within this document are IAW the Airworthiness Limitations specified.

Inspection Procedures

Supplement to applicable Maintenance Manual, Chapter 5, Inspection and Component Overhaul Schedule

Notes

1. Refer to the applicable Maintenance Manual, Chapter 4, for general information on inspections, inspection definitions, inspection intervals, inspection methods and inspection schedules.
2. General Inspections, as indicated within this document, are defined as visual, non-thorough checks.
3. Detailed Inspections, as indicated within this document, are defined as visual and thorough, searching checks.
4. Perform 600 Hour/12 Month Inspections every 600 hours or every 12 months, whichever occurs first, prior to flight operation. If damage is detected, refer to the Repair Procedures section within this document.

Scheduled Inspections

1. 600 Hour/12 Month Inspections

Data Reference: Section 3: Installation and Removal Instructions
Section 4: Illustrated Parts Breakdown
 - I. Perform a Detailed Inspection on all items to ensure proper security.
 - II. Perform a Detailed Inspection on all items/materials to ensure proper integrity.

SECTION 5: Repair Procedures

1. Repairs to all other item(s) referenced within this document are **not** permitted. Contact Alpine Aerotech LP for further information if repairs are required to all other item(s) referenced within this document.

SECTION 6: REMOVAL/REPLACEMENT

General Notes

1. All Installation Instructions shall be accomplished IAW standard aircraft practices. Refer to the current revision of the FAA publications AC 43.13-1B and AC 43.13-2B for details on standard aircraft practices.
2. All Dimensions are in imperial measures (inches/pounds).
3. Refer to Section 4: Maintenance Instructions for instructions on maintenance for the item(s) referenced within this section.
4. Refer to the Section 9: Illustrated Parts Breakdown for the part numbers of the item(s) referenced within this section.

6.1 REMOVAL INSTRUCTIONS

505 CREW HEADSET, HANGER

1. Gain access to the aircraft and make ready for maintenance. Gain access to the headset hanger.
2. Remove & retain the 2X Screw Machine, Detail, Item 6, and 2X Washer, Flat, Item 4 attaching the Single Lug Hanger #10, Assy's, Item 2, to the Adaptor Bracket, Detail, Item 1, and remove & retain the Single Lug Hanger #10, Assy's, Item 2. Repeat for the other side. Remove & retain the 1X Female Threaded Hex Standoff, Item 3.
3. Update the aircraft logbook for the removal of the affected components of the Headset Hanger Universal.

6.2 REPLACEMENT INSTRUCTIONS

1. As there are no special considerations, the replacement of the 505 Crew Headset Hanger, Universal can be considered the opposite of the removal.

SECTION 7 GENERAL

There are no general considerations for this kit.

SECTION 8 AIRWORTHINESS LIMITATIONS

The Airworthiness Limitations section is approved by the Minister and specifies maintenance required by any applicable airworthiness or operating rule unless an alternative program has been approved by the Minister.

The Airworthiness Limitations section is FAA approved and specifies maintenance required under Sections 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

Supplement to applicable Maintenance Manual, Chapter 4, Airworthiness Limitations Schedule

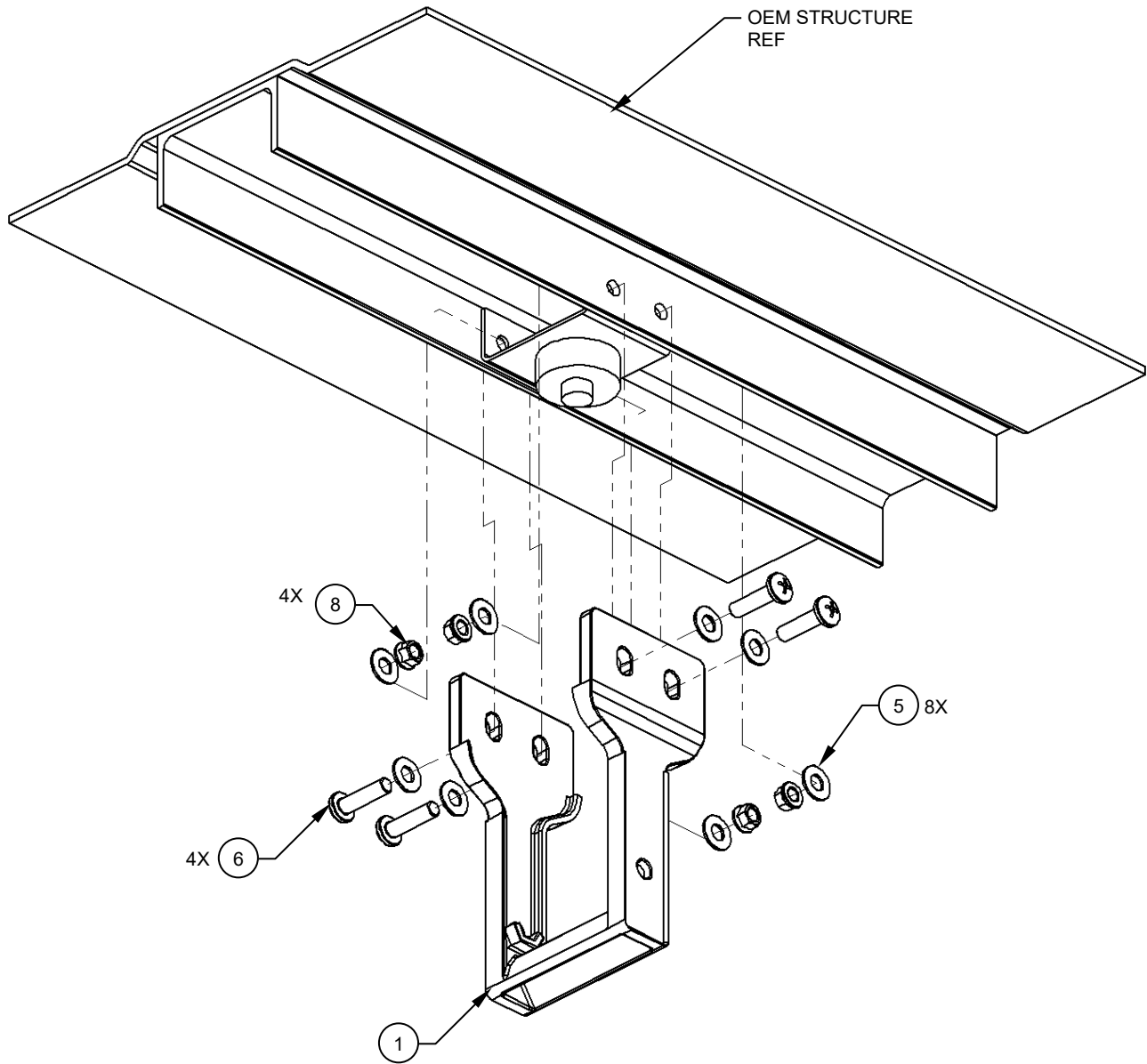
Notes

1. Refer to the Maintenance Planning Information, Chapter 4, for general information on airworthiness limitations and airworthiness limitation schedules.
2. Item(s) **not** listed in the Scheduled Airworthiness Limitations section within this document have an unlimited airworthiness life.

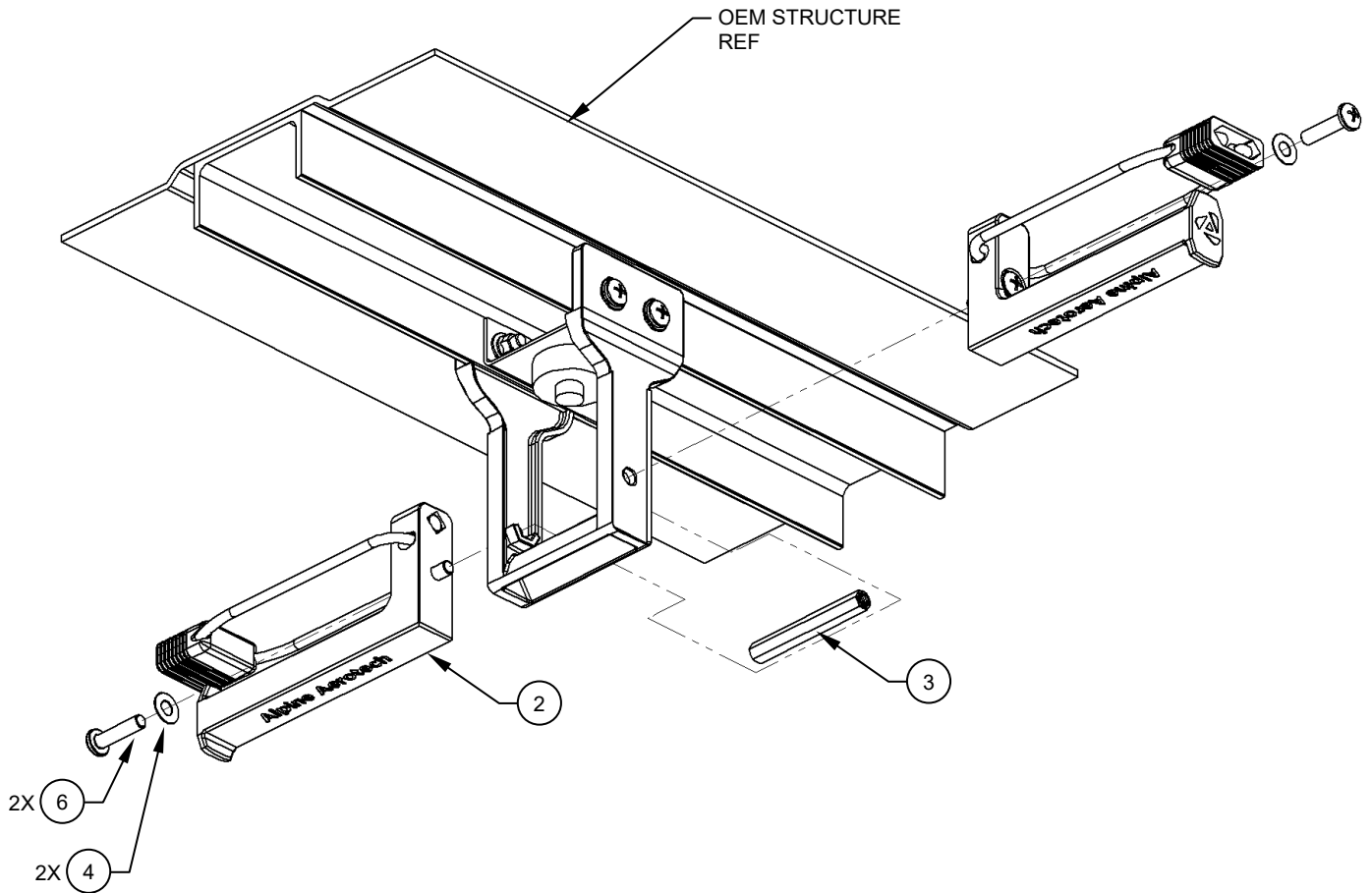
Scheduled Airworthiness Limitations

1. There are no airworthiness limitations associated with the item(s) referenced within this document.

SECTION 9: ILLUSTRATED PARTS BREAKDOWN



Illustrated Parts Breakdown (cont.)



Illustrated Parts Breakdown (cont.)

ITEM	QTY	NUMBER	DESCRIPTION	MATERIAL	REF STOCK	SPEC	FINISH	MANUFACTURER	NCAGEC
-	-	AAL-391-031-001	505 CREW HEADSET HANGER	C/O SHADED ITEMS				ALPINE AEROTECH LP	L0171
1	1	AAL-391-032-001	ADAPTOR BRACKET, DETAIL	ONYX FR-A	NA	NA	AS PRINTED	ALPINE AEROTECH LP	L0171
2	2	AAL-391-021-001	SINGLE LUG HANGER #10, ASSY	NA	NA	NA	AS PRINTED	ALPINE AEROTECH LP	L0171
3	1	91115A147	FEMALE THREADED HEX STANDOFF	18-8 STAINLESS STEEL	10-32 - 1/4 HEX	COMMERCIAL	NA	SOURCE AS REQUIRED	NA
4	2	NAS1149F0316P	WASHER, FLAT	SEE SPEC	SEE SPEC	NAS1149	SEE SPEC	SOURCE AS REQUIRED	NA
5	8	NAS1149F0332P	WASHER, FLAT	SEE SPEC	SEE SPEC	NAS1149	SEE SPEC	SOURCE AS REQUIRED	NA
6	2	MS27039-1-12	SCREW, MACHINE	SEE SPEC	SEE SPEC	NASM27039	SEE SPEC	SOURCE AS REQUIRED	NA
7	4	MS27039-1-11	SCREW, MACHINE	SEE SPEC	SEE SPEC	NASM27039	SEE SPEC	SOURCE AS REQUIRED	NA
8	4	MS21043-3	NUT, SELF LOCKING	SEE SPEC	SEE SPEC	MS21043	SEE SPEC	SOURCE AS REQUIRED	NA