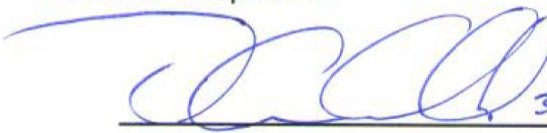


TCCA Acceptance:

 31 July 2017

T.C. Clark, DAR 326

EXHAUST DUCT R&O – 206L INSTRUCTIONS FOR CONTINUING AIRWORTHINESS

MODELS: BELL 206L1, 206L3, & 206L4

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



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General Notes

1. All maintenance Instructions shall be accomplished in accordance with (IAW) standard aircraft practices. Refer to the current revision of the FAA manuals AC 43.13-1B and AC 43.13-2B for details on standard aircraft practices.
2. All Fasteners shall be torqued to standard aircraft specifications, unless otherwise specified. Refer to the current revision of the FAA manuals AC 43.13-1B and AC 43.13-2B for details on standard torque specifications.
3. All Dimensions are in imperial measures (inches/pounds).
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 product periodically verify the revision level of this document.



Section 1: Description

The purpose of the Exhaust Duct, R&O, is to provide an economical method of repairing the Exhaust Duct, Assy while also incorporating features and construction methodology to help decrease the current high incidence of cracking in the flange fillet weld area. The incorporation of a one piece formed flange will also increase the height of the duct slightly thereby improving fastener clearance and easing maintenance.



Section 2: Maintenance Instructions

2.1 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 applicable Maintenance Manual, Chapter 4-1 and Tables 4-1 and 4-2, 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.



2.2 Maintenance/Inspection Procedures

1. Refer to the current revisions of the BHT-206L1-MM, BHT-206L3-MM or BHT-206L4-MM Maintenance Manual as applicable for Instructions for Maintenance/Inspection with respect to the item(s) referenced within this document.

2.3 Repair Procedures

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

Section 3: Installation/Removal Instructions

3.1 Applicability

The Exhaust Duct R&O-206L is applicable to Bell 206L1/L3 & L4 with either Allison/Rolls Royce 250 C-28 or C-30 engine and the following duct part number installed.

DUCT PART NUMBER
206-064-300-005

3.2 Weight & Balance

<u>R&O Scheme</u>	<u>Description</u>	<u>Weight</u>	<u>Long. Arm</u>	<u>Lat. Arm</u>
AAL-355-010-001	Exhaust Duct R&O-206L	.26 lbs*	171.000	0.000
		.12 (Kg)	4.343 (m)	0.000 (m)

* Total increase in weight to aircraft

3.3 Installation Procedure

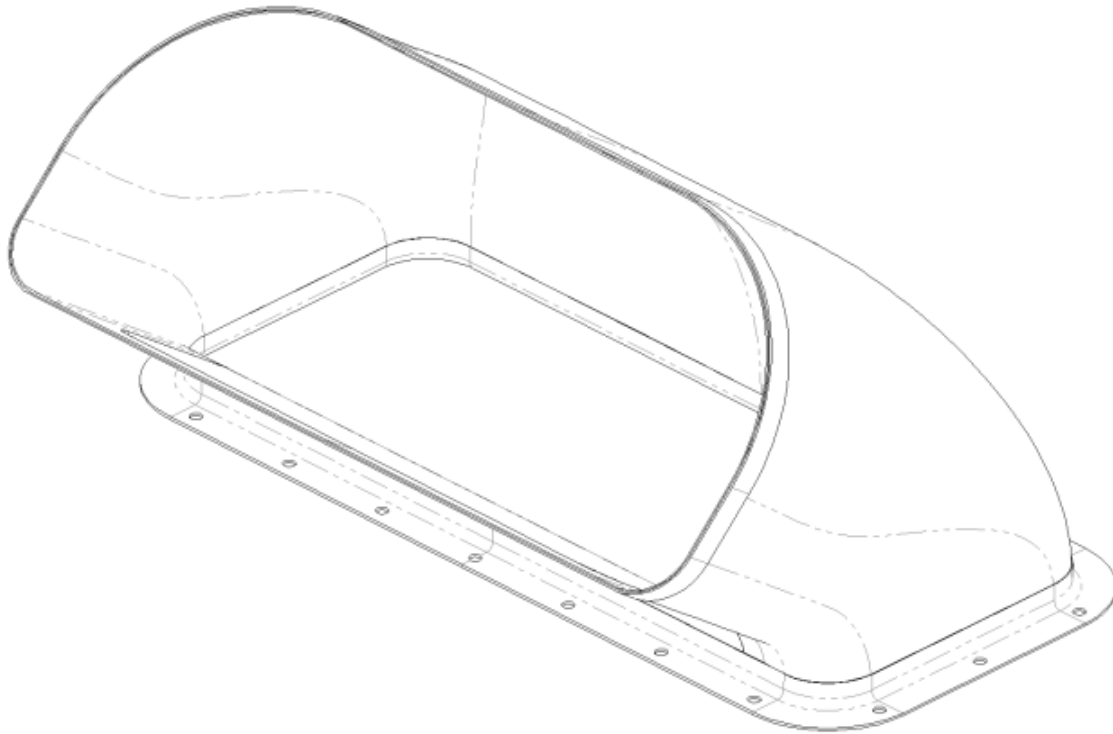
1. Installation procedures do not change from the original OEM configuration. Refer to BHT-206L1-MM-1, BHT-260L3-MM-9 or BHT-206L4-MM-9 Chapter 71 – Power Plant for information regarding exhaust duct installation.

3.4 Removal Procedure

1. Removal procedures do not change from the original OEM configuration. Refer to BHT-206L1-MM-1, BHT-260L3-MM-9 or BHT-206L4-MM-9 Chapter 71 – Power Plant for information regarding exhaust duct removal.



Section: 4 Illustrated Parts Breakdown



Repaired Exhaust Duct Shown
Item 1



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ITEM	QTY	NUMBER	DESCRIPTION	MATERIAL	REF STOCK SIZE	SPEC	FINISH	MANUFACTURER	NCAGEC
-	1	206-064-300-005	EXHAUST DUCT, ASSY	NA	NA	NA	NA	BELL HELICOPTER	97499
1	1	206-064-300-005	EXHAUST DUCT, ASSY (repaired IAW AAL-355-010-001)	NA	NA	NA	NA	ALPINE AEROTECH LP	L0171