

PARAVION TECHNOLOGY, INC.
2001 AIRWAY AVENUE
FT. COLLINS, COLORADO 80524

REPORT NO. PR-206SD-900M

DZUS SNOW DEFLECTOR INSTALLATION

BELL 206 HELICOPTERS

REVISIONS

<u>REV.</u>	<u>DATE</u>	<u>DESCRIPTION</u>	<u>BY</u>
N/C	12/01/99	Original	RHSM
A	12/01/09	Updated for clarification	REB, LS

LIST OF REFERENCES

1. Maintenance Manual, BHT-407-MM
2. Standard Practices Manual, BHT-ALL-SPM
3. Instructions for Continued Airworthiness, PR-206/407SD-120M

TABLE OF CONTENTS

<u>ITEM</u>	<u>PAGE</u>
Revisions	i
References	ii
Table of Contents	iii
SNOW DEFLECTORS PROVISIONS INSTALLATION	1
SNOW DEFLECTOR ASSEMBLY_MODIFICATIONS	1
SNOW DEFLECTORS INSTALLATION/REMOVAL	1

INSTALLATION INSTRUCTIONS

1.0 SNOW DEFLECTOR PROVISIONS INSTALLATION

- i. Remove inlet cowling from aircraft (Reference, BHT-206-MM). Proceed to step 3 if deflector fasteners are installed.

CAUTION: To prevent contamination of the Particle Separator during this procedure, cover Particle Separator inlet. Assure all rivet tails and debris are recovered from cowling.

- ii. For installation on cowlings without previous deflector installation, refer to applicable Bell 206 series Service Instruction Manual, FAA approved revision for receptacle location.
- iii. Remove existing snow deflector nutplates from the top and sides of the cowling.
- iv. Using a #10-32 screw and provided drill template (Refer to Fig. 1 below), match-drill rivet holes for DZUS receptacle installation. Enlarge center holes and countersink rivet holes per drawing.

NOTE: The rivets use to install the uppermost “corner” style nutplate in the side of the cowling must be drilled out without the use of the provided drill template.

- v. Remaining holes, due to previous fasteners installation and not used during this installation, should be countersunk and filled using rivets as shown on drawing 206SD-200 Rev. B eco 2 or later revision.
- vi. Install receptacles to top and sides of cowling using indicated hardware as shown on drawing.
NOTE: Ref. drawing, dimples may be filled using epoxy. Sand smooth all affected areas and spot refinish cowling as necessary.

2.0 SNOW DEFLECTOR ASSEMBLY MODIFICATIONS

- i. Enlarge holes in deflector assemblies to permit installation of DZUS studs per drawing. Assure proper alignment with receptacle locations in cowling.
- ii. Temporarily install deflectors with stud fasteners to determine proper lengths. Note that the installation kit includes alternate stud fasteners in expected lengths for use if required.
- iii. Remove deflectors and complete stud installation per drawing, using indicated hardware.

3.0 SNOW DEFLECTORS INSTALLATION/REMOVAL

- i. Refer to aircraft Flight Manual, applicable supplement to determine ambient temperature and operations for Snow Deflectors use.
- ii. Refer to PR-206/407SD-120M for Snow Deflectors installation/removal and continued maintenance.



Figure 1; DRILL TEMPLATE