



SUPPLEMENT NO. 9 TO DOC.NO. CR-MM-1-0-00

SUNRAY LANDING LIGHT

1 LIST OF AIRPLANES COVERED BY THIS SUPPLEMENT

Airplane model	Serial No.	Note
PS-28 Cruiser	-	Valid for all aircraft equipped with the SunRay 01-1150.



2 RECORD OF REVISIONS

Rev. No.	Revision name	Changed pages	Issue date	Date and signature

**CHAPTER 1 GENERAL**

No Change

CHAPTER 2 LIMITATIONS / MAINTENANCE CHECKS

No Change

CHAPTER 3 FUSELAGE

No Change

CHAPTER 4 WING

No Change

CHAPTER 5 TAIL UNIT

No Change

CHAPTER 6 CONTROL SYSTEM

No Change

CHAPTER 7 EQUIPMENT

No Change

CHAPTER 8 LANDING GEAR

No Change

CHAPTER 9 FUEL SYSTEM

No Change

CHAPTER 10 POWERPLANT

No Change

CHAPTER 11 ELECTRICAL SYSTEM**11.3.10 SunRay landing light removal (engine cowling)**

Type of maintenance: line

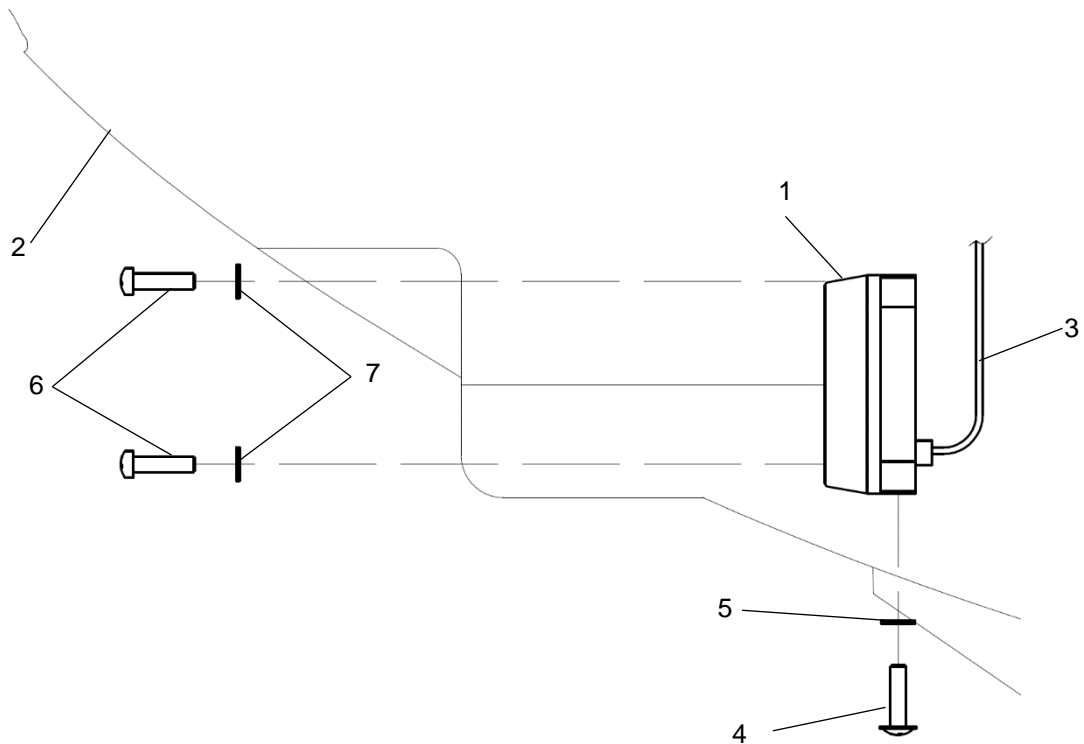
Authorization to perform:

See point 2.5.3.

Tools needed:

- screwdriver

- (a) Set the **MASTER BAT** and **LDG L** switches to OFF.
- (b) Remove upper engine cowling.
- (c) Disconnect the connector on the cable.
- (d) Remove lower engine cowling with light (1, 2, Fig. 11-10).
- (e) Carefully tear off the wires (3) from lower cowling.
- (f) Unscrew the screw with washer (4,5 / 6,7) and remove the light.



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|--------------------------------------|--|
| 1 SunRay light | 5 Washer (for Trail Tech replacement) |
| 2 Engine cowling | 6 Screws (for Kuntzleman replacement) |
| 3 Wires | 7 Washers (for Kuntzleman replacement) |
| 4 Screw (for Trail Tech replacement) | |

Fig. 11-10: SunRay light removal / installation

11.3.11 SunRay landing light installation (engine cowling)

Type of maintenance: line

Authorization to perform:

See point 2.5.3.

Tools needed:

- screwdriver

- Set the light (1, Fig. 11-10) to the lower engine cowling (2).
- Fasten it with screw with washer (4,5 / 6,7). Glue the screw with Loctite 243.
- Glue the wires (3) to lower engine cowlings above the left NACA intake.
- Install lower engine cowling.
- Connect the connector.
- Install upper engine cowling.
- Set the **MASTER BAT** and **LDG L** switches to OFF.
- Check the correct function of light.



CHAPTER 12 INSTRUMENTS AND AVIONICS

No Change

CHAPTER 13 VENTING / HEATING

No Change

CHAPTER 14 AIRPLANE HANDLING

No Change

CHAPTER 15 AIRPLANE REPAIRS

No Change

CHAPTER 16 WIRING DIAGRAMS

No Change

CHAPTER 17 APPENDICES

No Change