

- Subject : External lighting and socket for foot sole heating system
- Effectivity : DG-808C ser. No. 8-418B317X77 during production
- Accomplishment : During production, optional
- Reason : For special purpose external lighting may be required.
In addition to the lights at wing tips and tail a retractable landing light was designed which may be installed instead of the C.G.tow hook. A plug for foot sole heating system is included in the wiring.
- Instructions : 1. Installation of combined position and strobe light at the optional 15 m wing tips according to drawing 8F39 (special 15 m tips without winglets see TN800/38). Installation of sockets at fuselage see drawing 8R269
2. Installation of position light at fuselage tail behind the tailwheel according to drawing 8L31.
3. Installation of a retractable landing light according to drawings 8R259, 8R260, 8R267 and 8EP242 instead of a C.G. tow hook.
4. Installation of lights with dimmer at instrument panel according to instruction of manufacturer.
5. Installation of a plug for a foot sole heating system.
6. Electrical wiring according to wiring plan 8E31.
7. File this TN and drawings 8E31, 8F39, 8L31, 8R259÷ 8R269, installation plan 8EP41 to the aircraft logs.
8. File the flight manual pages ” **Additional systems DG-808C ser. No. 8-418B317X77**” at the end of the flight manual.
- Material : Drawings 8E31, 8F39, 8L31, 8R259÷ 8R269, installation plan 8EP41
the flight manual pages ”**Additional systems DG-808C ser. No. 8-418B317X77**”
1 Wheelen beacon MB1 (at tail)
2 Wheelen strobe beacon MBsR (at wing tips)
1 Kuntzelman electronics LTR LED 14V Landing light
Parts for landing light see drawing:
8R261 – 8R266, 8R268,
Starterzug 1600/1500
Stellschraube Magura 5436
3 4F5-126
1 4F5-136
various bolts, washers and nuts
2 sockets and plugs Preh 5 pin 180° (at wing root)
2 sockets and plugs Multiplex 6 pins (at wing parting)
1 socket BSB12 with cover (at right cockpit side panel for foot sole heater)
switches and circuit breakers, connectors and wires according to wiring plan 8E31
1 set instrument lights with dimmer TCVR-2
- Weight and balance : Execute new weight and balance
- Remarks : All instructions:
The actions have to be performed during production by the manufacturer..

Bruchsal, date:
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