



## Unparalleled Repairs for ECE/Teleflex Landing Light Motors

### ECE/TELEFLEX LANDING LIGHT FITTED TO AIRBUS FAMILY



PN's include:

- 4191695
- 4331772
- 4315542

- TURN CONSUMABLE INTO REPAIRABLE
- FAA-DER APPROVED REPAIR PROCESS
- QUALITY SERVICES – RAPID TURN TIMES – SUBSTANTIAL SAVINGS
- ALL REPAIRED MOTORS SHIPPED WITH FAA/EASA DUAL RELEASE 8130-3 TAG

### MOTOR ASSEMBLY

PN: 4387329



### MOTOR ASSEMBLY

PN: 4195798



NAASCO, 222 Grand Ave. Brookhaven Airport, Shirley, NY 11967

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FAA Repair Station No. FD1R135K / EASA.145.4687



# REPAIR SUMMARY

## FAA-DER APPROVED REPAIR

### Repairs for ECE/Teleflex Landing Light Motors

Date: April 22, 2009

#### I. EFFECTIVITY

- |                               |                              |
|-------------------------------|------------------------------|
| A. Aircraft Model(s)          | Airbus Family                |
| B. Part Name:                 | Landing Light Motor Assembly |
| C. Part Number(s):            | 4195978 ▪ 4387329            |
| D. Next Higher Assembly (NHA) | 4191695 ▪ 4331772 ▪ 4315542  |



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# REPAIR SUMMARY

## FAA-DER APPROVED REPAIR

### II. DESCRIPTION OF REPAIR

- A. Problem:** Premature and unscheduled removal of motor assembly from NHA. Motor failure caused by damaged stator, damaged brake assembly, excessive bearing wear or by a combination of these factors.
- B. Solution:** Repair motor assembly using approved repair specification
- C. Scope of Work:**
1. Disassemble, clean, visually inspect motor assembly and associated piece parts.
  2. Remove and discard worn bearings, damaged shims, damaged spacers and hardware from motor housing.
  3. Check and inspect stator assembly, brake assembly, and PC board.
  4. Repair stator assembly and brake assembly as required by an approved rewind shop.
  5. Remove and replace PC Board as required.
  6. Install repaired stator assembly and brake assembly as required.
  7. Install new shims, spacers, and associated piece parts as required.
  8. Assemble unit according to detailed repair process.
  9. Test completed motor assembly with Dynamometer in accordance with detailed test spec. Completed units tested under varied loads and conditions to ensure smooth, trouble-free operation.

### III. REFERENCES

DER-approved Component Repair/Overhaul Process

### IV. SUMMARY

Repair of the motor assembly is an affordable cost-effective alternative to OEM New replacement. Unit is restored and returned to service, in 'like new' condition, allowing operators to reinstall defective LRU. Repaired motors shall maintain all material and dimensional integrity. Motor assemblies shall meet all necessary repair and testing requirements outlined in NAASCO's DER-approved process.

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