



## Repairs for Honeywell Landing Light Assembly



**MOTOR  
ASSEMBLY**  
PN: 46-2788-1

Motor Assembly  
46-2788-1  
converted to  
46-2788-3  
at

**NO EXTRA CHARGE**

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

**MOTOR  
ASSEMBLY**  
PN: 46-2788-3





# REPAIR SUMMARY

## FAA-DER APPROVED REPAIR

### Repairs for Honeywell Landing Light Assembly

Date: June 23, 2011

#### I. EFFECTIVITY

- |                               |                          |
|-------------------------------|--------------------------|
| A. Aircraft Model(s)          | Boeing 737-Family        |
| B. Part Name:                 | Honeywell Motor Assembly |
| C. Part Number(s):            | 46-2788-1 ▪ 46-2788-3    |
| D. Next Higher Assembly (NHA) | 45-0351                  |



**MOTOR  
ASSEMBLY**

PN: 46-2788-1

**MOTOR  
ASSEMBLY**

PN: 46-2788-3



Motor Assembly PN 46-2788-1 converted to 46-2788-3 at **NO EXTRA CHARGE**

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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, excessive bearing wear, brake assembly, thermal switch failure, 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 thermal switch.
  4. Replace thermal switch, stator, and coil as required.
  5. Install repaired stator assembly as required.
  6. Install new hardware and associated piece parts as required.
  7. Reassemble unit according to detailed repair process.
  8. Test completed motor assembly 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

An affordable alternative to OEM New replacements, the repaired motor assembly is restored and returned to service, in 'like new' condition, thus, allowing operators to reinstall defective LRUs. Repaired motors shall maintain all material and dimensional integrity. Motor assemblies shall meet all necessary repair, testing, and inspection criteria as outlined in NAASCO's DER-approved process.

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