

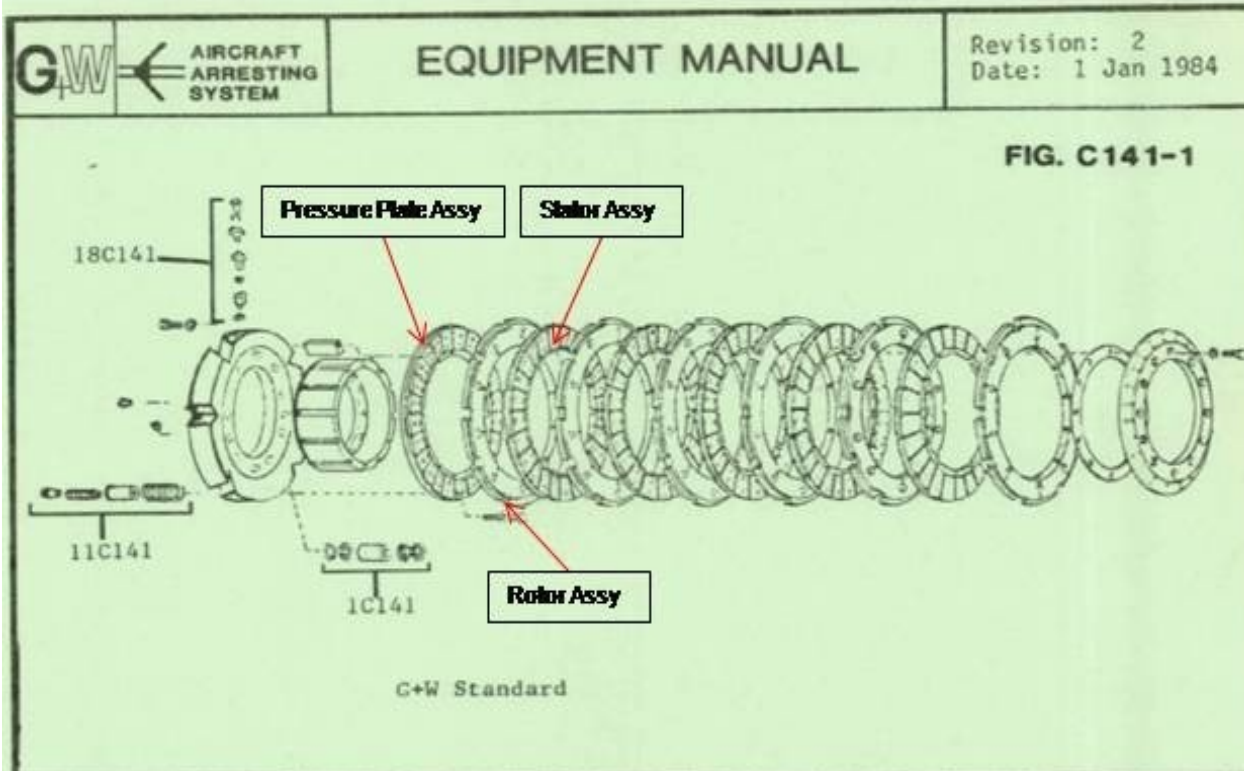
STATOR PLATE ASSY

| SL No. | ATTRIBUTE | ITEM No.2 |
|--------|---|--|
| 1 | Nomenclature / Part No. / GIG No. | Stator Plate Assy / 52 C 935-1 / 134974 |
| 2 | Year of Procurement / Source | 2002 / (AHQ/294) ESCO |
| 3 | Fleet / Sub System/ Wpn System | Arrester Barrier / friction Brake Assy / BAK 12 |
| 4 | Technical Applicability/ Broad Purpose | During an arrestment, the rotors and stators are compressed between the pressure plate and backing plate by action of the 12 hydraulic pistons in the brake carrier. Energy absorption is the result of the friction produced as the rotors rub on the stators. |
| 5 | Technical Specification (attach as separate sheets) | Attached as Annexure I |
| 6 | Publication Details (attach as separate sheets) | Attached as Annexure II |
| 7 | Photograph of Equipment | Attached as Annexure III |
| 8 | Brief Description | Each brake assembly consists of a brake carrier and torque tube supported by the tape reel pillow block; a pressure plate with metallic wear pads for contact with the first of the sintered metallic rotors; the rotors, which are keyed to the tape reel through the brake drum the stators with wear pads on both surfaces and keyed to the torque tube and the backing plate |
| 9 | Classification of Equipment-LRU/Testers/ Ground Equipment/ Role Equipment held details base wise) | Ground Equipment |
| 10 | Previous Repair History | Nil |
| 11 | Criticality (Priority I, II or III) | Non-Critical |
| 12 | Requirement: Repair or Indigenisation or both? | Indigenisation |
| 13 | Quantity Required (One time/ Annual) | One time (During MOH only) |
| 14 | Sample Availability | Yes |
| 15 | Scale/ Deficiency | N/A |
| 16 | If deficient- How deficiency is being plugged? | N/A |
| 17 | SPOC details item/ fleet wise | SPE ISC, 8BRD, AF |
| 18 | Draft QTS with major testing requirement (if already designed) | Not available |

| | | |
|----|--------------------------------|----|
| 19 | Any Other Relevant Information | -- |
|----|--------------------------------|----|

Annexure 'I'

| REF. NO. | G+W PART NO. | DESCRIPTION | QUANTITY | | | USED ON |
|----------|--------------|-----------------------------------|----------|---|----|---------|
| | | | I | B | D | |
| C100 | - | SPARES, BAK-12 ABSORBER (Cont'd.) | - | - | - | - |
| C141 | 52D7491-1 | O/H KIT, Brake Carrier | - | - | 3 | A |
| C142 | 52D373-1 | BRAKE, Rotor Assy. | - | - | 16 | A |
| C143 | 52C935-1 | BRAKE, Stator Assy. | - | - | 14 | A |
| C144 | 52C934-1 | BRAKE, Pressure Plate | - | - | 4 | A |
| C145 | 52D672-1 | BRAKE, Backing Plate | - | - | 2 | A |
| C146 | 52D248-1 | VALVE, Control (Gland Assy.) | - | - | 2 | A |
| C147 | 52B10210-1 | O/H KIT, Control Valve | - | 1 | 3 | A |
| C148 | 52B10203-1 | O/H KIT, Gear Box (Synchronizing) | - | - | 2 | A |
| C149 | 52W2291-7 | SWIVEL JOINT, Hydraulic | - | 1 | 1 | A |
| C150 | 52B10306-1 | O/H KIT, Swivel Joint | - | - | 2 | A |



Annexure 'II'

TECHNICAL SPECIFICATION

PART No: 52 C 935-1

DESCRIPTION: Stator Plate Assy

GIG No: 134974

INDIVIDUAL ITEM OR ASSEMBLY: Individual Item

ITEM INDIGENSIATIOIN SAMPLE TYPE:

ANY INSCRIPTION ETC DETAILS ON THE ITEM IF ANY: NO INSCRIPTION

PURPOSE OF THE ITEM IN BROAD SENSE: During an arrestment, the rotors and stators are compressed between the pressure plate and backing plate by action of the 12 hydraulic pistons in the brake carrier. Energy absorption is the result of the friction produced as the rotors rub on the stators.

DIMENSIONS:

| SL No. | ATTRIBUTES | VALUES (Appx.) |
|--------|------------|----------------|
| 1. | OD | 23.5 Inch |
| 2. | ID | 15 Inch |
| 3. | THICKNESS | 0.445 Inch |

TESTING UNIT/SECTION/BAY: 08 BRD/ABOD

IN HOUSE AVIALABILILTY TESTING: YES

Annexure 'III'

STATOR PLATE ASSY

