

CHAPTER 5 HOOD MECHANISM

(Completely revised)

LIST OF CONTENTS

| | <i>Para.</i> |
|---|--------------|
| <i>Hood winding gear</i> | 1 |
| <i>Hood locks</i> | 2 |

LIST OF SCHEDULES

| | <i>Schedule</i> |
|--|-------------------|
| <i>Wear limits for hood winding gear</i> | <i>1/1 to 1/5</i> |

LIST OF ILLUSTRATIONS

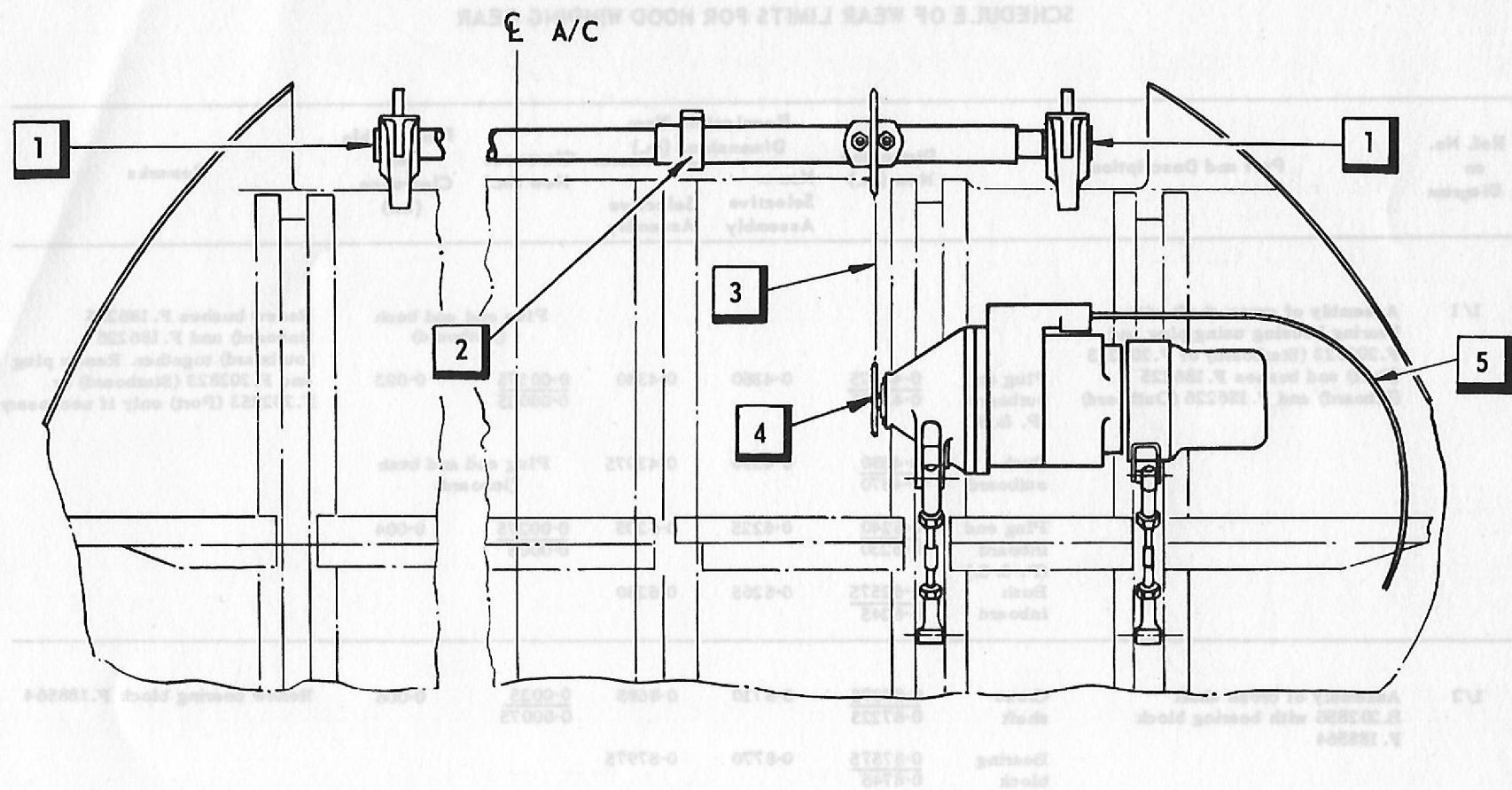
| | <i>Fig.</i> |
|---|---------------------------|
| <i>Bearing location diagram for hood winding gear</i> | 1 |
| <i>Details for hood winding gear</i> | <i>1/1, 1/2 & 1/4</i> |

Hood winding gear

1. The hood slides aft to permit access to the cockpit and is electrically operated. Details of points liable to wear may be found in fig.1.

Hood locks

2. Any wear in a lock is overcome only by complete renewal of the lock concerned. (Pt.No. A.200477 port, A.200478 starboard).



VIEW LOOKING AFT ON FRAME 14

NOTE

Numbers shown thus
are ref. numbers for
the accompanying schedule

FIG.1 BEARING LOCATION DIAGRAM FOR HOOD WINDING GEAR

SCHEDULE OF WEAR LIMITS FOR HOOD WINDING GEAR

| Ref. No. on Diagram | Part and Description | Dimension New (in.) | Permissible Worn Dimensions (in.) | | Clearance New (in.) | Permissible Worn Clearance (in.) | Remarks |
|---------------------------|---|-----------------------------------|--------------------------------------|--------------------------|------------------------|---|---|
| | | | Non - Selective Assembly | Selective Assembly | | | |
| 1/1 | Assembly of cross shaft with bearing housing using plug end F.202823 (Starboard) or F.202253 (Port) and bushes F.186225 (Inboard) and F.186226 (Outboard) | Plug end outboard (P. & S.) | <u>0.43675</u> 0.43625 | 0.4360 | 0.4340 | <u>0.00175</u> 0.00025 | 0.003 |
| | | | Bush outboard | <u>0.4380</u> 0.4370 | 0.4390 | 0.43975 | Plug end and bush (inboard) |
| | | | Plug end inboard (P. & S.) | <u>0.6240</u> 0.6230 | 0.6225 | 0.6205 | <u>0.00275</u> 0.0005 |
| | | | Bush inboard | <u>0.62575</u> 0.6245 | 0.6265 | 0.6280 | |
| 1/2 | Assembly of cross shaft B.202856 with bearing block F.188564 | Cross shaft | <u>0.87375</u> 0.87225 | 0.8710 | 0.8685 | <u>0.0035</u> 0.00075 | 0.006 |
| | | Bearing block | <u>0.87575</u> 0.8745 | 0.8770 | 0.87975 | | |
| 1/3 | Assembly of chain and sprockets | | | | | | Chain adjustment to be made by use of tension rods. In the event of excessive wear or the presence of tight links the chain is to be renewed A.S.924.48.P |
| 1/4 | Assembly of sprocket with actuator bearing housing using bushes F.186230 and 'Torrington' needle bearings B.1012 | | | | | | See Chapter 1 for needle bearings. If excessive end float in actuator is found to be due to bushes F.186230, they are to be renewed |
| 1/5 | Control cable assembly | | | | | | No backlash in the control cable is permitted |

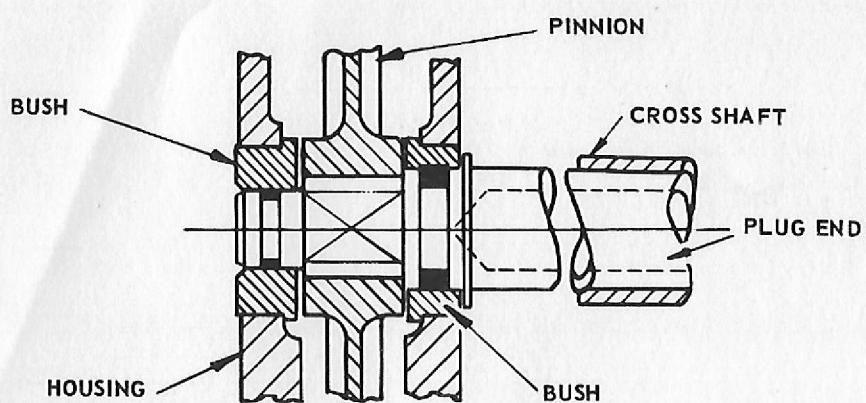


FIG.1/1

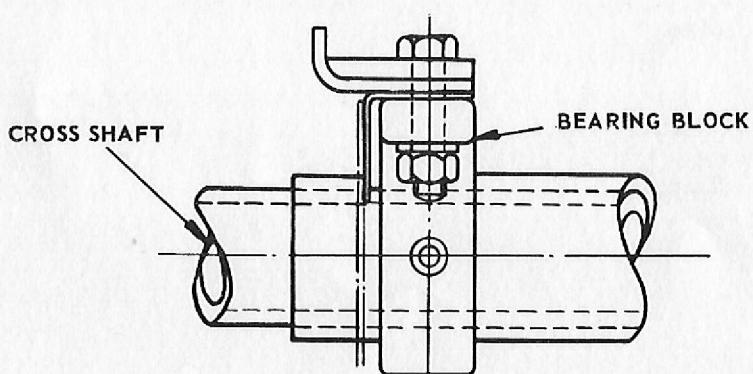


FIG.1/2

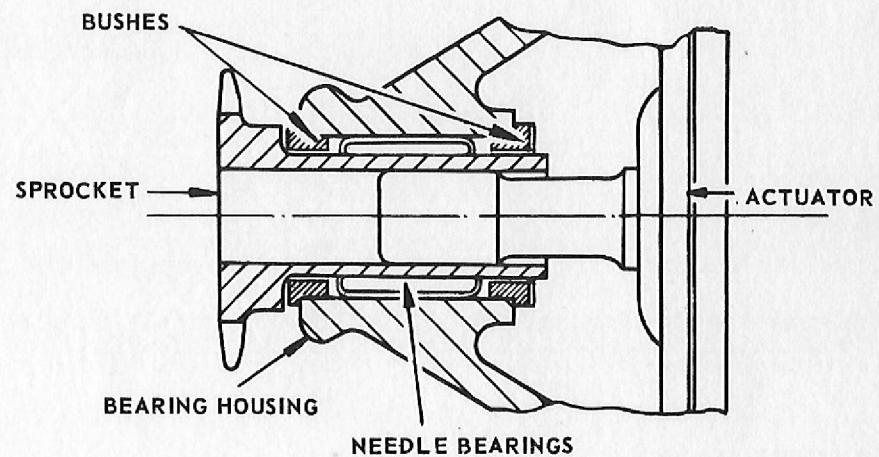


FIG.1/4

DETAILS FOR HOOD WINDING GEAR



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