Chapter 2 FUEL SYSTEM

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Introduction

- 1. The fuel system installed on post-Mod 1188 aircraft is similar to that described and illustrated in A.P.101B-1202-1A, Cover 3, Sect. 4, Chap. 2 except for the differences detailed herein. With these exceptions the descriptive and servicing information in Chap. 2 of the parent publication is equally relevant to these aircraft, and should be noted before commencing any servicing on the system.
- 2. Although the procedures for installing the flight refuelling pod pylon and the wing tanks remain unchanged, the preparation prior to installation changes slightly because the pylon forward outboard attachment point has been modified and the blanking plug prev-

iously identified No. 202 has been redesigned and is now identified No. 499. The modified attachment point is illustrated on fig 1. Flight refuelling pod and wing tanks jettison control facilities are detailed in para 4 and 6.

Flight refuelling pod pylon - installation

3. After removing blanking plug No. 499 but before commencing to fit the flight refuelling pod pylon to store station 2, ensure that the mounting adapter, fitted at the pylon forward outboard attachment point, is assembled correctly (fig 1), that attachment bolt 1 is screwed into mounting adapter 2 and locked by locking plate 3. The pylon can then be installed as described in A.P.101B-1202-1A, Cover 3, Sect. 4, Chap. 2, App. 3.

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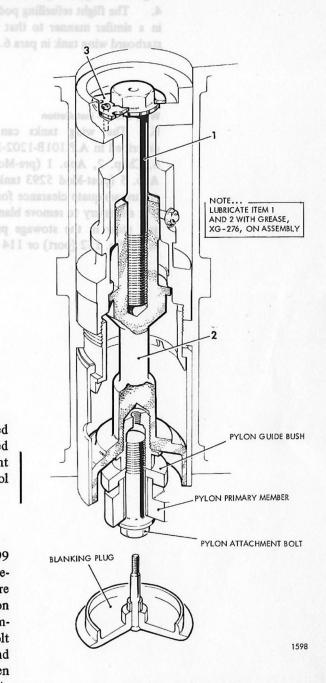


Fig.1. Outboard attachment point flight refuelling pod pylon

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Flight refuelling pod - jettison controls

4. The flight refuelling pod can be jettisoned in a similar manner to that described for the starboard wing tank in para 6.

Wing tanks - installation

5. The wing tanks can be installed as described in A.P.101B-1202-1A, Cover 3, Sect. 4, Chap. 2, App. 1 (pre-Mod 5293 tanks) or App. 5 (post-Mod 5293 tanks) except that, to ensure adequate clearance for the tank fairings, it is necessary to remove blanking plug No. 499 and stow in the stowage provided on access panel No. 152 (port) or 114 (stbd). The blank-

ing plug only should be removed, leaving the mounting adapter 2 in-situ.

Wing tanks - jettison controls

6. The wing tanks can be jettisoned by selecting the JETTISON SELECTOR switch on the pilot's port console panel to WINGS 1 (port) or WINGS 2 (stbd) and pressing the STORES JETTISON push-switch. Both tanks can be simultaneously jettisoned with the JETTISON SELECTOR set to ALL but this action will jettison all underwing stores and, if the bomb door is open, all bomb bay stores. Sect. 16, Chap. 5 and Sect. 20, Chap. 8 provide difference details for the jettison circuits and jettison control facilities.

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3. After removing blanking plug No. 499 but before commencing to fit the flight refuelling pod pyton to store station 2, ensure that the mounting adapter, fitted at the pyton forward outboard attachment point, is assembled correctly (fig 1), that attachment boilt is screwed into mounting adapter 2 and locked by locking plate 3. The pyton can then be installed as described in A.P.101B-1202-1A,

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