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13 July 2026

MEMORANDUM FOR: 673 CONS

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SUBJECT: Salient Characteristics List for F22 Oil Servicing Quick Disconnect Coupling Half

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1. The following item is needed to complete and install the Oil Service Widget on all F022A airframes. Below are the items physical, function, and performance characteristics.

A. Quick Disconnect Coupling Half (NSN: 4730-00-600-1758)

1. Thread Class: 3A all ends
2. Overall Length: 3.000 inches
3. Quick Disconnect Method: Spring push-lock all ends
4. Connection Style: Flared all ends
5. Leg Length: 0.750 inches
6. Connection Type: Internal quick disconnect all ends
7. Connection Type: Threaded external tube first fluid end connection
8. Features Provided: Safety locking feature and self-sealing
9. Thread Size: 0.875 inches all ends
10. Seat Angle: 37.0 degrees
11. Outside Diameter Tube Accommodated: 0.625 inches all ends
12. Material: Aluminum alloy body or stainless-steel body
13. Surface Treatment: Anodize body
14. Style Designator: Male coupling half

15. Thread Series Designator: UNF all ends

2. The items listed above will be a crucial part for a portable Oil container/dispenser inside F022A aircraft allowing the operator to service the oil of the aircraft in austere locations where there is no maintenance support. This will ensure that the aircraft remains mission ready in the event of a divert landing and allowing the US Air Force to project greater air power.

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