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DON FOIA Ex 3:
10 USC § 1302

OP-642C5, X70364
23 June 1980

USCG

SUBJECT

Coast Guard Medium Range Surveillance (MRS) Aircraft Program

HIGHLIGHTS

On 7 January 1977 a contract was signed with the Falcon Jet Corporation of Teterboro, New Jersey for 41 Falcon 20G aircraft (military designation HU-25A) at a price of \$204,846,291.00. The aircraft will be fabricated by Avions Marcel Dassault Brequet Aviation in France and transported to the United States where the engines and avionics equipment will be installed, airframe modifications will be performed and the interior furnished in Little Rock, Arkansas. First aircraft delivery was expected in July 1979, but problems with engine certification have caused a delay. Planning is underway to accommodate this delay. The Aircraft Program Office is established in Little Rock, Arkansas.

DISCUSSION

The HU-25A will be equipped with twin Garrett ATF 3-6 engines, Collins avionics and the APS-127 multi-mode forward looking radar. Each aircraft will also be configured and have provisions for installation and operation of an AIREYE sensor suite consisting of an IR/UV line scanner, side looking airborne radar and aerial reconnaissance camera. The active-gated television (AGTV) is a follow-on sensor system for the AIREYE. Six AIREYE suites will be purchased.

AIRCRAFT CHARACTERISTICS:

	<u>HU-25A</u>
Maximum Gross Weight (pounds)	31,500
Critical Field Length (feet)	4,990
Service Life (flight hours)	30,000
Internal Volume (ft ³)	700
Crew/Passenger Capability	5/3
Maximum Dash Speed (kts)	500
Service Ceiling (feet)	40,000
Monthly Utilization Rate (flight hours)	80+
Fuel Consumption (avg lb/hr)	1,900
Average Equipment Drop Airspeed (kts)	145
Low Altitude Maximum Endurance (hours)	4.9

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It is presently anticipated that the HU-25A (Falcon 20G) will be assigned as follows: Mobile (5), Miami (6), Traverse City (3), Corpus Christi (3), Cape Cod (4), Sacramento (3), Elizabeth City (3), Borinquen (2), Astoria (2), support requirements (7). Plans to assign three additional aircraft, as yet unfunded and unmanned, are being reviewed.

RECOMMENDATION

Provided for information.

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