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THE UNDER SECRETARY OF DEFENSE

WASHINGTON D C 20301 -3090

RESEARCH AND
ENGINEERING
(S&TNF)

DECLASSIFIED IN FULL
Authority: EO 13526
Chief, Records & Declass Div, WHS
Date: **MAR 04 2014**

2 OCT 1985

MEMORANDUM FOR THE SECRETARY OF DEFENSE

SUBJECT: Shuttle Mission 51-J - INFORMATION MEMORANDUM (U)

The second dedicated DoD Shuttle mission (STS 51-J) will occur on 3 October 1985 from the Kennedy Space Center. The primary payload for this mission is two DSCS- III satellites which will be deployed by an Inertial Upper Stage (IUS). The Payload Specialist is Major William Pailes (USAF).

This will be the first flight of the latest orbiter, Atlantis (OV-104), and the second use of the Shuttle/IUS since the anomaly on STS-6 and subsequent redesign. This mission is also being used as an OPSEC exercise to determine the effectiveness of the existing STS security measures.

The schedule of events is as follows:

Launch:	3 OCT 85, 1042 EDT (KSC)
Landing:	7 OCT 85, 0922 PDT (Edwards AFB)
IUS Deployment:	Launch + 10 hrs, 28 min
IUS SRM #1 Ignition:	Launch + 11 hrs, 23 min
IUS SRM #2 Ignition:	Launch + 16 hrs, 40 min
Deploy S/C #1	Launch + 16 hrs, 48 min
Deploy S/C #2	Launch + 16 hrs, 55 min

WHS

Rich Wagner, Acting

for Donald A. Hicks

Office of the Secretary of Defense SU.S.I. 5552
Chief, RDD, ESD, WHS
Date: 04 MAR 2014 Authority: EO 13526
Declassify: X Deny in Full: _____
Declassify in Part: _____
Reason: SU.S.I. 5552 (U)(G)
MDR: 13 -M- 4770

65D 5 U.S.C. § 552(b)(6)

Prepared by: [Redacted]

~~DECLASSIFIED~~
Authority: EO 13526, as amended
Date: [Redacted]
Chief, Rec & Declass Div, WHS

13-M-4770

DECLASSIFIED BY: [Redacted] es
DECLASSIFY ON: OADR

USDRE: 05 0252

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OFFICE OF THE UNDER SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-3090

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Chief, Records & Declass Div, WHS
Date: MAR 04 2014

COVER BRIEF

TO: UNDER SECRETARY OF DEFENSE FOR RESEARCH AND ENGINEERING

THRU: DEPUTY UNDER SECRETARY OF DEFENSE FOR RESEARCH AND
ENGINEERING (STRATEGIC AND THEATER NUCLEAR FORCES)

Robert T. Hittley
Thomason

FROM: ACTING ASSISTANT DEPUTY UNDER SECRETARY FOR OFFENSIVE AND
SPACE SYSTEMS

K 10/1

SUBJECT: STS Mission 51-J

DISCUSSION: STS Mission 51-J will be launched on 3 October 1985 from the Kennedy Space Center. The proposed INFORMATION MEMORANDUM informs the Sec Def of this event and provides information concerning the payload and schedule of events.

In addition to the primary payload there are a number of secondary payloads dealing with different experiments. You were provided a listing of these experiments previously. The experiments themselves are unclassified, but any reference to their flying on this mission is classified Secret.

RECOMMENDATION: That you sign the proposed INFORMATION MEMORANDUM.

COORDINATION: None

SUSPENSE NO: OSD: N/A R&E: N/A

Enclosure

OSD 5 U.S.C. § 552(b)(6)

Prepared by [redacted] 1 OCT 85

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DO NOT WRITE IN THESE SPACES