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JSC-09144

FINAL

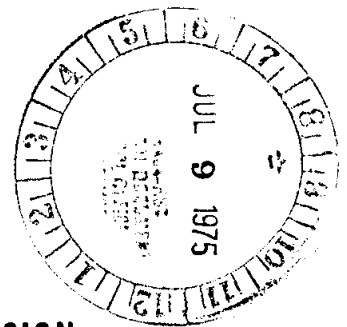
REVISION A

PCN-1

NOTE: This is a PAGE CHANGE NOTICE to be
incorporated into the previous edition.
DISCARD ONLY the changed out pages.

JOINT OPERATIONS CHECKLIST

PREPARED BY
PROCEDURES BRANCH
CREW TRAINING & PROCEDURES DIVISION



National Aeronautics and Space Administration
LYNDON B. JOHNSON SPACE CENTER
Houston, Texas

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ASTP
JOINT OPERATIONS CHECKLIST

JSC-09144
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ACKNOWLEDGMENTS

<u>SECTIONS</u>	<u>NAME</u>	<u>LOCATION</u>
J1-1 through J1-4	S. P. Grega, CT&PD	Rm 211, Bldg. 4
J2-1 through J2-26	S. P. Grega, CT&PD	Rm 211, Bldg. 4
J3-1 through J3-8	S. P. Grega, CT&PD	Rm 211, Bldg. 4
J4-1 through J4-2	S. P. Grega, CT&PD	Rm 211, Bldg. 4
J5-1 through J5-3	S. P. Grega, CT&PD	Rm 211, Bldg. 4
J6-1 through J6-2	S. P. Grega, CT&PD	Rm 211, Bldg. 4
J7-1 through J7-11	G. L. Shinkle, CT&PD	Rm 215, Bldg. 4
J8-1 through J8-5	D. R. Brooks, CT&PD	Rm 220, Bldg. 4
J9-1 through J9-3	R. L. Hahne, CT&PD	Rm 220, Bldg. 4
J10-1 through J10-7	R. H. Nute, CT&PD	Rm 216, Bldg. 4
General	B. A. Levy, TRW	Rm 256, Bldg. 4

CHANGE CONTROL RECORD

APOLLO/SOYUZ TEST PROJECT JOINT OPERATIONS CHECKLIST

CONTROL NO.	FDF EDITION INCORPORATED		DISAPPROVED OR OTHER DISPOSITION
	TITLE	DATE	
001 002 003	ASTP, FINAL	6/2/75	DISAPPROVED
003A 004	ASTP, FINAL	6/2/75	SUPERCEDED BY 003A
005	ASTP, FINAL	6/2/75	DISAPPROVED
006	ASTP, FINAL, REV A	6/25/75	
007	ASTP, FINAL, REV A	6/25/75	
008	ASTP, FINAL, REV A	6/25/75	
009	ASTP, FINAL, REV A	6/25/75	
010	ASTP, FINAL, REV A	6/25/75	
011	ASTP, FINAL, REV A, PCN-1	7/1/75	
012	ASTP, FINAL, REV A, PCN-1	7/1/75	

ASTP

JOINT OPERATIONS CHECKLIST

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 REFERENCE 3/31/76
 FINAL 6/2/76
 REVISION A 6/25/75
 PCN-1 7/1/75

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JOINT OPERATIONS CHECKLIST

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7/1/75

DATE

J
2-17

BACKUP UNDOCKING

APOLLO BACKUP UNDOCKING

PNL

HATCH 3-CLOSED (VERIFY)
HATCH 3 PEV-CLOSED (VERIFY)

INFORM APOLLO : APOLLO BACKUP UNDOCKING
REQUIRED.

V48E(61102,11111)(DO NOT ACTIVATE DAP)

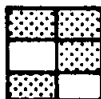
1 EMS FUNC/MODE-ΔV SET/STBY
SET ΔVC=+100.0 FPS
EMS FUNC-ΔV

DOCKING SYSTEM PREPARATION

274 DOCKING SYSTEM A:
CB IND LOGIC MNA-CLOSE
CB IND PWR AC1-CLOSE
CB CONTROL BAT A-CLOSE
CB MOTORS AC1(3)-CLOSE

DOCKING SYSTEM B:
CB IND LOGIC MNB-CLOSE
CB IND PWR AC2-CLOSE
CB CONTROL BAT B-CLOSE
CB MOTORS AC2(3)-CLOSE

PASSIVE DOCKING STATUS LIGHTS:
STRUCT LATCH OPEN LT-ON(VERIFY)
GUIDE RING CAPTURE LT-ON(VERIFY)
PASSIVE LT-ON(VERIFY)
STRUCT RING CONTACT LT-ON(VERIFY)



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J
2-18

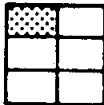
PNL

275 CONFIGURE BATTERY POWER:
CB MAIN A BAT BUS A-CLOSE(VERIFY)
CB MAIN B BAT BUS B-CLOSE(VERIFY)

5 MAIN BUS TIE(2)-ON(UP)

TO INITIATE UNDOCKING:
EMS MODE-NORMAL

◀INFORM SOYUZ : INITIATING BACKUP UNDOCKING
5,4,3,2,1 MARK.

2 BACKUP PASSIVE A&B-RELEASE(~8 SEC)
CAPTURE LATCH A&B-RELEASE (MOM)
 GUIDE RING CAPTURE LT-OUT
PASSIVE LT-OUT
STRUCT RING CONTACT LT-OUT

MONITOR UNDOCKING $\Delta VC = +100.2$ FPS

8 AUTO RCS SELECT(16)-MNA/MNB
1 BMAG MODE(3)-ATT1/RATE 2
MAN ATT (3)-RATE CMD
SC CONT-SCS
EMS FUNC/MODE-OFF/STBY
V46E(ACTIVATE APOLLO DAP)

◀INFORM SOYUZ : UNDOCKING COMPLETED.

INFORM APOLLO : UNDOCKING COMPLETED.

DATE 7/1/75

J
10-7UVA_SHUTDOWN

PNL 230

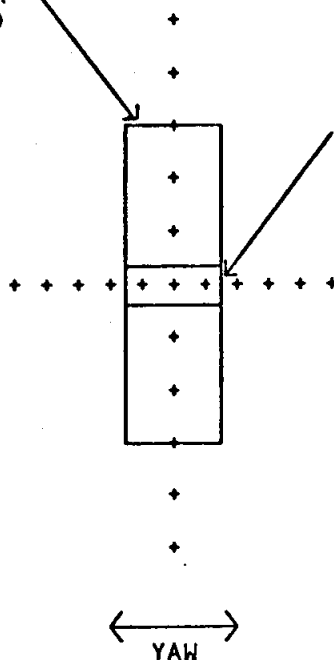
UV ABSORPTION LAMPS - OFF
UV ABSORPTION POWER - OFF
UV COVER - CLOSE (tb bp <5 sec
then gray, if not gray in 15
sec - off(ctr))

UVA_STOW

Obtain DRAG THRU POWER UMBILICAL
BAG(A1)
DISCONNECT cable and place
in bag
Stow bag in DM JETTISON STOWAGE
BAG

COAS RETICLE

DATE 6/25/75

STARTRACKER
FOV (3x6)SPECTROMETER
FOV (3x.7)PITCH
↑
↓

NASA-JSC

J
10-8

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DATE 7/1/75

SOYUZ REFLECTOR COVER FAILURES

1) IF SOYUZ SIDE REFLECTOR COVER DOES NOT OPEN:

- A. INFORM SOYUZ: YOUR SIDE REFLECTOR COVER IS CLOSED.
PERFORM BACKUP AS-5 ORIENTATION AS
PROGRAMMED.
Ваша крышка бокового отражателя
закрыта. Выполните резервную
ориентацию AC-5 по программе.
- B. THE 150M TRAJECTORY WILL BE FLOWN AS PLANNED BUT
NO DATA CAN BE OBTAINED.
- C. BEFORE THE 500M DATA TAKE SOYUZ WILL YAW TO POINT
THE AFT REFLECTOR NORTH SO IT MAY BE USED FOR THE
500M DATA TAKE.
- D. AFTER THE 500M DATA TAKE THE SOYUZ WILL YAW TO
THE NOMINAL ATTITUDE SO APOLLO CAN BE VIEWED
RETURNING TO THE IN PLANE STATIONKEEPING POSITION.
- E. THERE IS NO CHANGE TO THE 1000M IN PLANE
PROCEDURES.

2) IF SOYUZ TOP FACING REFLECTOR COVER DOES NOT OPEN,
FOLLOW NOMINAL PROCEDURES BUT NO DATA CAN BE
OBTAINED ON 1000M TRAJECTORY.

DATE 7/1/75