

**HERSCHEL
FLIGHT OPERATIONS PLAN**

**VOLUME 3
LEOP Related Nominal Flight Control
Procedures**

Platform FCP's

PT-HMOC-OPS-FOP-6001-OPS-OAH

Issue 3.0

13/04/10



DOCUMENT APPROVAL

The Approval Page for all Volumes of the FOP can be found in Volume 1.



DISTRIBUTION LIST

The Distribution List for all Volumes of the FOP can be found in Volume 1.

CHANGE SUMMARY

Date	FOP Issue	Version	Modification Description	Author	SPR Ref
01/08/2008		1	Created	mvoegele-hp	
04/08/2008		2	Updated for Issue 1.0	mvoegele-hp	
05/08/2008	1.0	3	Changed title	mvoegele-hp	
02/02/2009		4	Updated change control history for issue 2.0	mvoegele-hp	
02/02/2009	2.0	5	corrected Change Record Sheet	mvoegele-hp	
06/03/2009	2.1	6	Updated change control history for Issue 2.1	mvoegele-hp	
26/03/2009	2.2	7	Updated change control history for Issue 2.2	mvoegele-hp	
23/04/2009	2.3	8	Updated change control history for Issue 2.3	mvoegele-hp	
06/05/2009	2.4	9	Updated control history for Issue 2.4	mvoegele-hp	
08/10/2009	2.5	10	Updated change control history for Issue 2.5	dbleakle-hp	
13/04/2010	3.0	11	Updated change control history for issue 3.0	mvoegele-hp	

CHANGE RECORD SHEET






Change No.	Type of Change	Date of Issue	Section Affected	
1	1.0	06/08/08	All	
			Updated:	
			Added:	H_LEO_SYS_DEC0, H_LEO_SYS_DEC1, H_LEO_SYS_DECS, H_LEO_SYS_LL0, H_LEO_EPS_NCA, H_LEO_EPS_RW1
			Deleted:	
2	2.0	02/02/09	All – Complete re-print for Issue 2.0	
			Updated:	H_LEO_SYS_DEC0, H_LEO_SYS_DEC1, H_LEO_SYS_DECS, H_LEO_SYS_LL0, H_LEO_EPS_NCA, H_LEO_EPS_RW1
			Added:	H_LEO_TTC_LCHK, H_LEO_TTC_TWT1, H_LEO_EPS_BATF, H_LEO_TCS_MOT1
			Deleted:	
3	2.1	06/03/09	All – Complete re-print for Issue 2.1	
			Updated:	H_LEO_SYS_DEC1, H_LEO_SYS_DECS, H_LEO_SYS_LL0, H_LEO_TTC_LCHK, H_LEO_EPS_BATF, H_LEO_EPS_RW1
			Added:	H_LEO_TCS_FCCF
			Deleted:	H_LEO_TCS_MOT1
4	2.2	26/03/09	Front Page, Change Summary, Change Record Sheet and List of Procedures replaced.	
			Updated:	H_LEO_SYS_DEC1, H_LEO_SYS_LL0, H_LEO_TTC_LCHK, H_LEO_EPS_NCA, H_LEO_TCS_FCCF
			Added:	
			Deleted:	
5	2.3	23/04/09	All – Complete re-print for Issue 2.3	
			Updated:	H_LEO_SYS_DECS, H_LEO_SYS_LL0, H_LEO_TTC_LCHK, H_LEO_EPS_NCA, H_LEO_EPS_RW1
			Added:	H_LEO_SYS_CSEP, H_LEO_TTC_MGAR
			Deleted:	
6	2.4	06/05/09	Front Page, Change Summary, Change Record Sheet and List of Procedures replaced.	
			Updated:	H_LEO_SYS_LL0, H_LEO_TTC_LCHK, H_LEO_TCS_FCCF
			Added:	H_LEO_DHS_DUMP, H_LEO_DHS_HK15
			Deleted:	
7	2.5	07/10/09	Front Page, Change Summary, Change Record Sheet and List of Procedures replaced.	
			Updated:	H_LEO_TTC_LCHK
			Added:	
			Deleted:	
8	3.0	13/04/10	Complete re-print Updated: Added: Deleted:	





Introduction

Chapter 2 Platform Flight Control Procedures

2.1 System Flight Control Procedures




	H_LEO_SYS_CSEP	Check Separation	3	21/04/2009
	H_LEO_SYS_DEC0	Stop Decontamination heating	3	08/01/2009
	H_LEO_SYS_DEC1	Start Decontamination heating	7	24/03/2009
	H_LEO_SYS_DECS	Decontamination Heating Status Report	7	15/04/2009
	H_LEO_SYS_LL0	Manual LPU switch OFF	7	05/05/2009

2.2 CDMU Flight Control Procedures`




	H_LEO_DHS_DUMP	SSMM dumps during LEOP	1	02/05/2009
	H_LEO_DHS_HK15	Disable and remove AIV HKID 15 definition	1	02/05/2009

2.3 ACMS Flight Control Procedures

2.4 TT&C Flight Control Procedures

	H_LEO_TTC_LCHK	TTC S/S LEOP Quick Check-out	6	30/06/2009
	H_LEO_TTC_MGAR	Switch RX2 to MGA	2	16/04/2009
	H_LEO_TTC_TWT1	Switch TWT Amp in use ON	1	24/09/2008

2.5 Power Flight Control Procedures

	H_LEO_EPS_BATF	EPS initial status at first AOS and Battery charging	2	03/03/2009
	H_LEO_EPS_NCA	NCA activation	4	22/04/2009
	H_LEO_EPS_RW1	Reaction Weels LCLs Close	5	07/04/2009

2.6 Thermal Flight Control Procedures

	H_LEO_TCS_FCCF	Restore FCCT parameters in flight	5	29/04/2009
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