

**HERSCHEL  
FLIGHT OPERATIONS PLAN**

**VOLUME 7**

**Contingency Flight Control Procedures**

**System CRP's**

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

**Issue 3.1**

**05/09/11**



## 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.

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## 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	2.0	4	Updated change control history for Issue 2.0	mvoegele-hp	
06/03/2009	2.1	5	Updated control history for Issue 2.1	mvoegele-hp	
27/03/2009	2.2	6	Updated change control history for Issue 2.2	mvoegele-hp	
23/04/2009	2.3	7	Updated change control history for Issue 2.3	mvoegele-hp	
06/05/2009	2.4	8	Updated change history for Issue 2.4	mvoegele-hp	
08/10/2009	2.5	9	Updated change control history for Issue 2.5	dbleakle-hp	
13/04/2010	3.0	10	Updated change control history for issue 3.0	mvoegele-hp	
05/09/2011	3.1	11	Updated change control history for issue 3.1	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_CRP_SYS_DECP, H_CRP_SYS_DECR, H_CRP_SYS_LOUM, H_CRP_SYS_LOUP
			Deleted:	
2	2.0	02/02/09	All – Complete re-print for Issue 2.0	
			Updated:	H_CRP_SYS_DECP, H_CRP_SYS_DECR, H_CRP_SYS_LOUM, H_CRP_SYS_LOUP
			Added:	H_CRP_SYS_ANOM, H_CRP_SYS_CHECK, H_CRP_SYS_DOD, H_CRP_SYS_LOUB, H_CRP_SYS_LOUR, H_CRP_SYS_NOTM, H_CRP_SYS_PATC, H_CRP_SYS_SAI, H_CRP_SYS_TMTC
			Deleted:	
3	2.1	06/03/09	All – Complete re-print for Issue 2.1	
			Updated:	H_CRP_SYS_ANOM, H_CRP_SYS_CHECK, H_CRP_SYS_DECP, H_CRP_SYS_DECR, H_CRP_SYS_DOD, H_CRP_SYS_NOTM, H_CRP_SYS_PATC, H_CRP_SYS_TMTC
			Added:	H_CRP_SYS_DEC2, H_CRP_SYS_DECM, H_CRP_SYS_NOTC, H_CRP_SYS_PATA, H_CRP_SYS_PMSA, H_CRP_SYS_PMSC
			Deleted:	H_CRP_SYS_SAI
4	2.2	26/03/09	Front Page, Change Summary, Change Record Sheet and List of Procedures replaced.	
			Updated:	H_CRP_SYS_ANOM, H_CRP_SYS_CHECK, H_CRP_SYS_DECR, H_CRP_SYS_NOTC, H_CRP_SYS_PATA, H_CRP_SYS_PMSA, H_CRP_SYS_TMTC
			Added:	H_CRP_SYS_DECC
			Deleted:	
5	2.3	23/04/09	All – Complete re-print for Issue 2.3	
			Updated:	H_CRP_SYS_ANOM, H_CRP_SYS_CHECK, H_CRP_SYS_DECC, H_CRP_SYS_DECM, H_CRP_SYS_DECR, H_CRP_SYS_NOTC, H_CRP_SYS_NOTM, H_CRP_SYS_PATA, H_CRP_SYS_PATC, H_CRP_SYS_PMSA, H_CRP_SYS_PMSC, H_CRP_SYS_TMTC
			Added:	H_CRP_SYS_DECH, H_CRP_SYS_PATCS
			Deleted:	
6	2.4	06/05/09	Front Page, Change Summary, Change Record Sheet and List of Procedures replaced.	
			Updated:	H_CRP_SYS_DECC
			Added:	
			Deleted:	
7	2.5	07/10/09	All intro pages	
			Updated:	H_CRP_SYS_ANOM, H_CRP_SYS_CHECK,

				H_CRP_SYS_NOTC, H_CRP_SYS_NOTM, H_CRP_SYS_PATA, H_CRP_SYS_PATC, H_CRP_SYS_PMSA, H_CRP_SYS_PMSC, H_CRP_SYS_TMTC
			Added:	H_CRP_SYS_RIOP
			Deleted:	
8	3.0	13/04/10		Complete re-print
			Updated:	H_CRP_SYS_ANOM, H_CRP_SYS_CHECK, H_CRP_SYS_PATCS, H_CRP_SYS_RIOP, H_CRP_SYS_TMTC
			Added:	
			Deleted:	
9	3.1	05/09/11		Front Page, Change Summary, Change Record Sheet and List of Procedures replaced.
			Updated:	H_CRP_SYS_ANOM, H_CRP_SYS_CHECK, H_CRP_SYS_DOD, H_CRP_SYS_NOTC, H_CRP_SYS_NOTM, H_CRP_SYS_RIOP, H_CRP_SYS_TMTC
			Added:	H_CRP_SYS_BLIND
			Deleted:	



## **Introduction**

## 2.1 System Flight Control Procedures

	<a href="#">H_CRP_SYS_ANOM</a>	System Anomalies	13	11/08/2011
	<a href="#">H_CRP_SYS_BLIND</a>	Both STRs unhealthy	1	12/08/2011
	<a href="#">H_CRP_SYS_CHECK</a>	FDIR 3&4 Anomaly Checkout	14	11/08/2011
	<a href="#">H_CRP_SYS_DEC2</a>	Restart telescope decontamination	3	23/02/2009
	<a href="#">H_CRP_SYS_DECC</a>	Restart telescope decontamination	4	01/05/2009
	<a href="#">H_CRP_SYS_DECH</a>	Recovery from a decontamination heater stuck ON failure	1	22/04/2009
	<a href="#">H_CRP_SYS_DECM</a>	Start/Stop Decontamination heating function	2	21/04/2009
	<a href="#">H_CRP_SYS_DECP</a>	Decontamination Heating parameters Update	4	23/02/2009
	<a href="#">H_CRP_SYS_DECR</a>	Decontamination Heating failure recovery	5	22/04/2009
	<a href="#">H_CRP_SYS_DOD</a>	Herschel DoD Recovery	5	06/05/2011
	<a href="#">H_CRP_SYS_LOUB</a>	Roll back to Nominal Lou heating configuration	2	08/01/2009
	<a href="#">H_CRP_SYS_LOUM</a>	Start/Stop Lou Baffle Management function	2	08/01/2009
	<a href="#">H_CRP_SYS_LOUP</a>	LOU Baffle Parameters Update	2	08/01/2009
	<a href="#">H_CRP_SYS_LOUR</a>	Recovery from a LOU heater failure	2	08/01/2009
	<a href="#">H_CRP_SYS_NOTC</a>	No TC Recovery	5	12/11/2010
	<a href="#">H_CRP_SYS_NOTM</a>	No TM Recovery	11	12/08/2011
	<a href="#">H_CRP_SYS_PATA</a>	ACC Memory Patch	4	13/07/2009
	<a href="#">H_CRP_SYS_PATC</a>	CDMU Memory Patch	6	22/09/2009
	<a href="#">H_CRP_SYS_PATCS</a>	Severe CDMU Memory Patch	2	06/11/2009
	<a href="#">H_CRP_SYS_PMSA</a>	ACC PM Switchover	4	10/07/2009
	<a href="#">H_CRP_SYS_PMSC</a>	CDMU PM Switchover	4	18/07/2009
	<a href="#">H_CRP_SYS_RIOP</a>	Rejoin Instrument Operations	5	15/12/2010
	<a href="#">H_CRP_SYS_TMTC</a>	Configure TM/TC after Mode Drop	7	11/08/2011