

**HERSCHEL
FLIGHT OPERATIONS PLAN**

**VOLUME 7
Contingency Flight Control Procedures**

Power 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.

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 change control history for Issue 2.1 | mvoegele-hp | |
| 26/03/2009 | 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_EPS_BCR, H_CRP_EPS_BDR, H_CRP_EPS_DNELR, H_CRP_EPS_EOC, H_CRP_EPS_IF5R, H_CRP_EPS_IF6R, H_CRP_EPS_IFNR, H_CRP_EPS_IFR, H_CRP_EPS_IFRN, H_CRP_EPS_LCLR, H_CRP_EPS_MANG |
| | | | Deleted: |
| 2 | 2.0 | 02/02/09 | All – Complete re-print for Issue 2.0 |
| | | | Updated: H_CRP_EPS_BCR, H_CRP_EPS_BDR, H_CRP_EPS_DNELR, H_CRP_EPS_EOC, H_CRP_EPS_IF5R, H_CRP_EPS_IF6R, H_CRP_EPS_IFNR, H_CRP_EPS_IFR, H_CRP_EPS_IFRN, H_CRP_EPS_LCLR, H_CRP_EPS_MANG |
| | | | Added: H_CRP_EPS_DOD, H_CRP_EPS_IF6N |
| | | | Deleted: |
| 3 | 2.1 | 06/03/09 | All – Complete re-print for Issue 2.1 |
| | | | Updated: |
| | | | Added: |
| | | | Deleted: |
| 4 | 2.2 | 26/03/09 | Front Page, Change Summary, Change Record Sheet and List of Procedures replaced. |
| | | | Updated: H_CRP_EPS_DOD, H_CRP_EPS_IF5R, H_CRP_EPS_IF6R, H_CRP_EPS_IFNR, H_CRP_EPS_IFRN |
| | | | Added: H_CRP_EPS_FDIR, H_CRP_EPS_RTERR |
| | | | Deleted: |
| 5 | 2.3 | 23/04/09 | All – Complete re-print for Issue 2.3 |
| | | | Updated: H_CRP_EPS_BCR, H_CRP_EPS_IF5R, H_CRP_EPS_IF6N, H_CRP_EPS_IF6R, H_CRP_EPS_IFNR, H_CRP_EPS_IFRN |
| | | | Added: H_CRP_EPS_IF5N |
| | | | Deleted: |
| 6 | 2.4 | 06/05/09 | Front Page, Change Summary, Change Record Sheet and List of Procedures replaced. |
| | | | Updated: H_CRP_EPS_LCLR |
| | | | Added: |
| | | | Deleted: |
| 7 | 2.5 | 07/10/09 | Front Page, Change Summary, Change Record Sheet and List of Procedures replaced. |
| | | | Updated: H_CRP_EPS_IF5R, H_CRP_EPS_IF6R, H_CRP_EPS_IFNR, H_CRP_EPS_IFRN |
| | | | Added: |
| | | | Deleted: |
| 8 | 3.0 | 13/04/10 | Complete re-print |
| | | | Updated: |
| | | | Added: |
| | | | Deleted: |
| 9 | 3.1 | 05/09/11 | Front Page, Change Summary, Change Record Sheet and List of Procedures replaced. |



HERSCHEL FOP
VOLUME 7: Power CRP's

















Document No : PT-HMOC-OPS-FOP-6001-OPS-OAH
Issue/Rev. No : 3.1
Date : 05/09/11
Page : vi

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|--|--|--|----------|----------------|
| | | | Updated: | H_CRP_EPS_RTER |
| | | | Added: | |
| | | | Deleted: | |



Introduction

2.5 Power Flight Control Procedures

| | | | | |
|-----------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------|---|------------|
|  | H_CRP_EPS_BCR | Enable or disable BCRs | 3 | 17/04/2009 |
|  | H_CRP_EPS_BDR | Switch BDRs APS and Input Switch ONOFF | 2 | 17/10/2008 |
|  | H_CRP_EPS_DNELR | DNEL Reset | 1 | 17/10/2008 |
|  | H_CRP_EPS_DOD | Set DoD voltage threshold | 5 | 18/03/2009 |
|  | H_CRP_EPS_EOC | Set EoC level | 2 | 09/01/2009 |
|  | H_CRP_EPS_FDIR | Trigger PCS FDIR Level 1 Recovery | 1 | 22/03/2009 |
|  | H_CRP_EPS_IF5N | Configure TMTC N (RT 5) Nominal after PCDU 1553 bus failure | 1 | 20/04/2009 |
|  | H_CRP_EPS_IF5R | Switch to TMTC N after PCDU 1553 bus failure | 6 | 06/07/2009 |
|  | H_CRP_EPS_IF6N | Configure TMTC R (RT 6) Nominal after PCDU 1553 bus failure | 3 | 20/04/2009 |
|  | H_CRP_EPS_IF6R | Switch to TMTC R after PCDU 1553 bus failure | 6 | 06/07/2009 |
|  | H_CRP_EPS_IFNR | Switchover from N to R TMTC | 7 | 06/07/2009 |
|  | H_CRP_EPS_IFR | Configuration check after PCDU 1553 bus failure | 2 | 15/12/2008 |
|  | H_CRP_EPS_IFRN | Switchover from R to N TMTC | 7 | 06/07/2009 |
|  | H_CRP_EPS_LCLR | LCL Recovery after trip-off | 4 | 05/05/2009 |
|  | H_CRP_EPS_MANG | Start/Stop PCDU Management function | 2 | 15/12/2008 |
|  | H_CRP_EPS_RTERR | Recovery after PCDU RT Error Flags on 1553 S/C bus | 2 | 22/07/2010 |