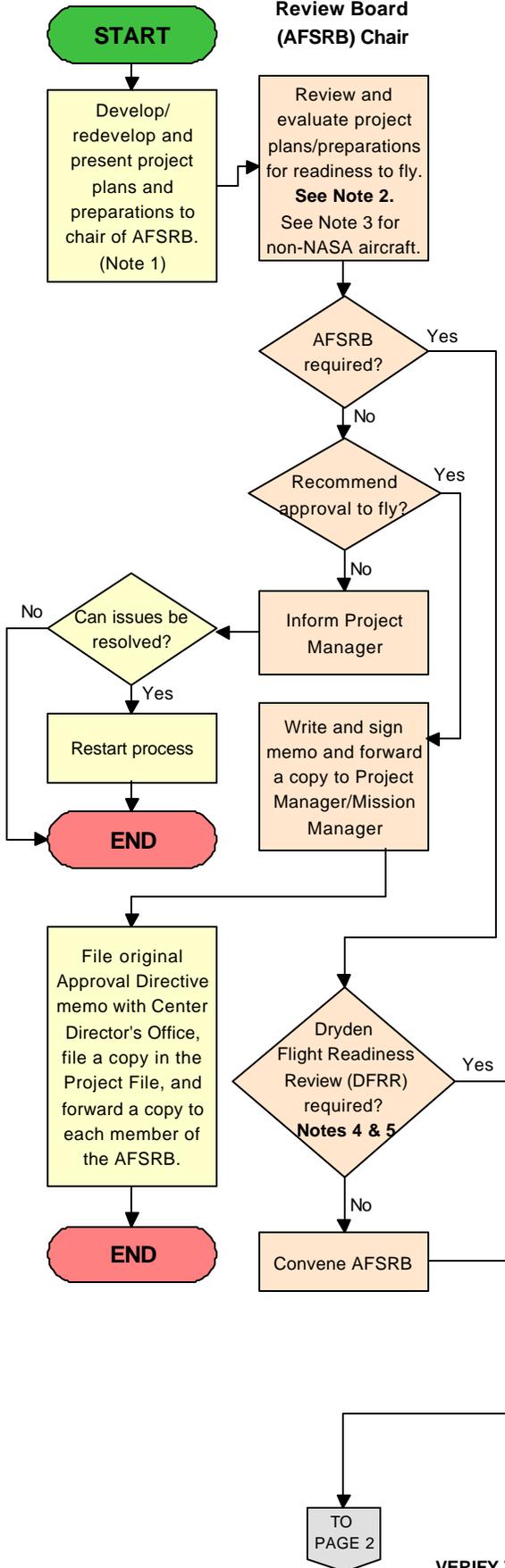


# AIRWORTHINESS AND FLIGHT SAFETY REVIEW PROCESS

Dryden Flight Research Center

DCP-X-009, Revision: D

Electronically Approved By  
Assistant Director for Management Systems



**Objectives:**

- to assure that research/airborne science projects are safe to fly and to maximize mission success
- to ensure compliance with Dryden policy
- to allow the AFSRB to determine the necessary procedures
- to review flight activities and tests involving all aircraft, critical flight systems and experimental facilities

**Note 1**  
Plans and Preparations will include the following:

- project description
- operations summary
- aircraft/experiment development status/readiness
- ground systems readiness
- analyses/simulations
- system safety analysis
- schedule
- Configuration Control Board (CCB) actions closed out
- issues/project requests

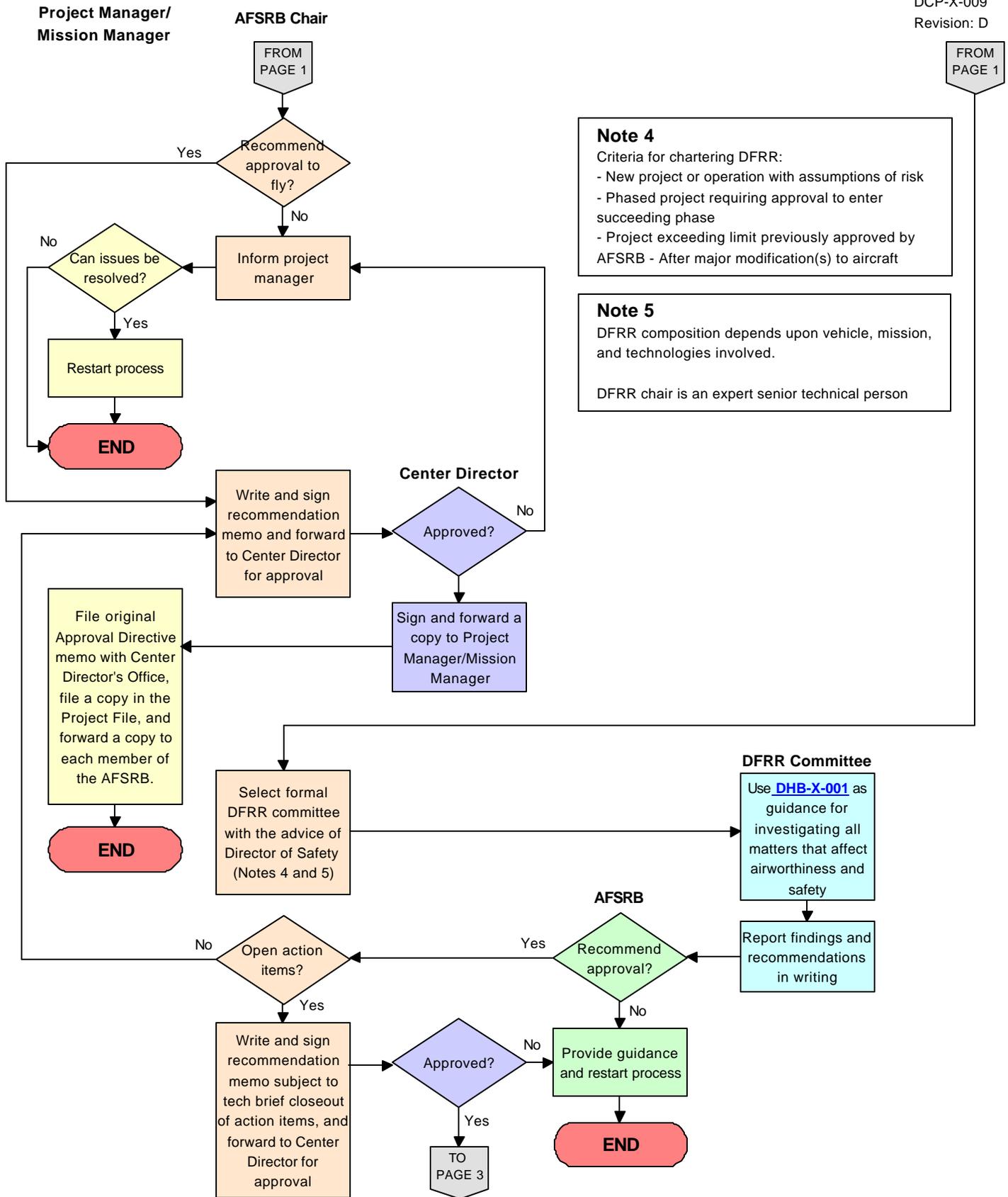
**Note 2**  
The Dryden Chief Engineer serves as the AFSRB Chair, and the Dryden Deputy Center Director serves as the Alternate Chair.

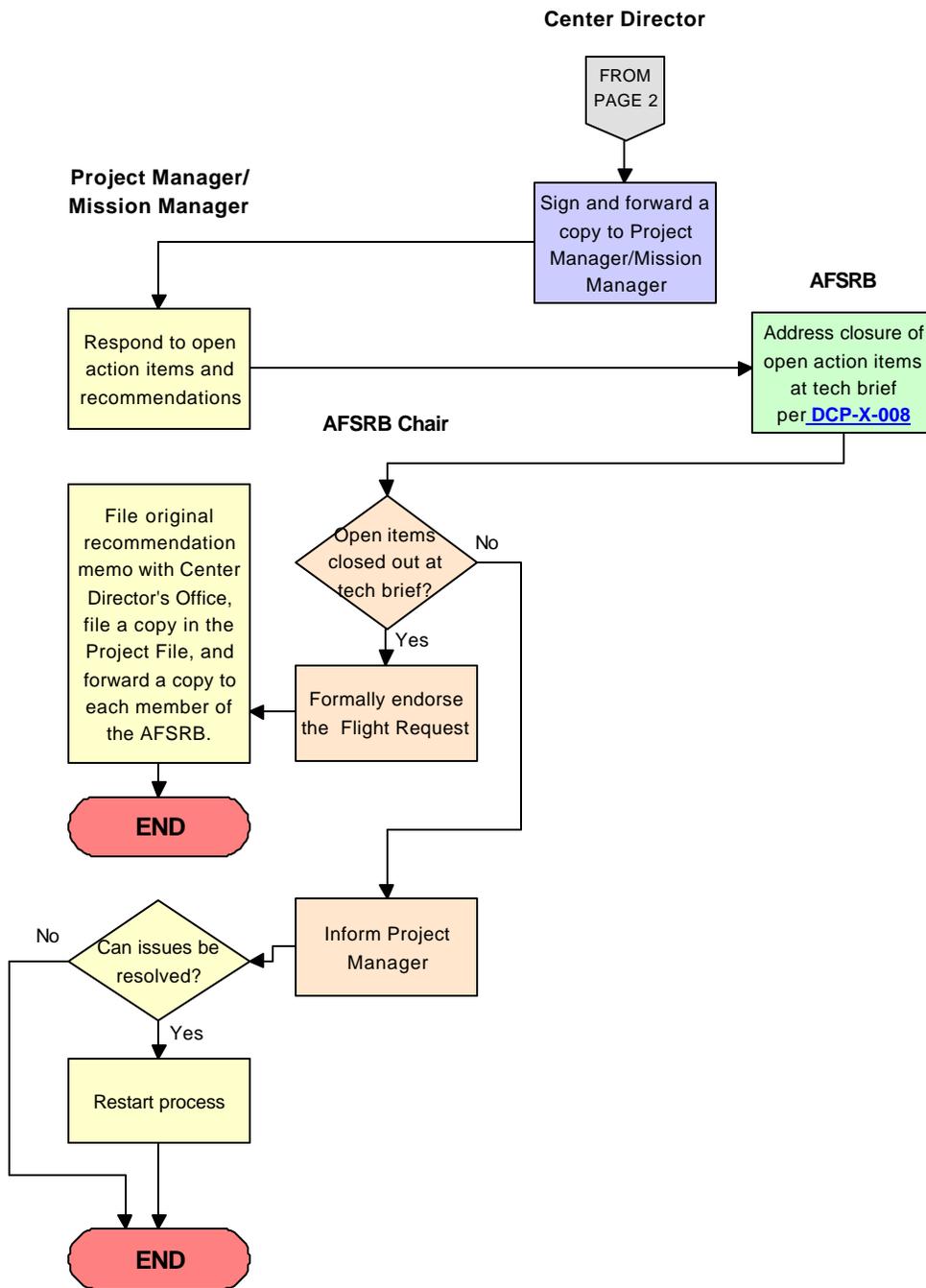
**Note 3**  
Projects/tests that involve NASA assets (flight crew and/or high value equipment) and are flown on non-NASA aircraft will follow guidelines and policy set forth in NPD 7900.4A (NASA Aircraft Operations Management) and NPG 7900.3A (Aircraft Operations Management).

CHECK THE MASTER LIST at

<http://xnet.dfrc.nasa.gov/iso9000/>

VERIFY THAT THIS IS THE CORRECT VERSION BEFORE USE  
PRINTED DOCUMENTS ARE FOR REFERENCE ONLY





## DOCUMENT HISTORY PAGE

This page is for informational purposes and does not need to be retained with the document.

| <u>DATE APPROVED</u> | <u>ISSUE</u>    | <u>PAGE</u>   | <u>AMENDMENT DETAILS</u>   |
|----------------------|-----------------|---------------|--|
| <u>1/4/99</u>        | <u>Baseline</u> |               |  |
| <u>4/15/99</u>       | <u>Rev A</u>    | <u>All</u>    | <u>Modified signature block from "Approved" to "Electronically Approved by". In all blocks containing the words "Approval Directive", the word "memo" was added. Modified block 4 of the "Project Manager/Mission Manager" on page 1 and block 3 on page 2. Modified block 1 of "FRR Committee" on page 2.</u>   |
| <u>10/3/00</u>       | <u>Rev B</u>    | <u>All</u>    | <u>Page 1: Modified block 5 of "AFSRB Chair" and changed "Flight Readiness Review (FRR)" to "Dryden Independent Review (DIR)" in block 6, added 2nd block to "Center Director", and modified block 4 of "Project Manager/Mission Manager". Page 2: Modified blocks 3 &amp; 6 of "AFSRB Chair", added 2nd block to the "Center Director", and modified block 3 of "Project Manager/Mission Manager". Page 3: added block 1 for "Center Director", modified block 2 of "Project Manager/Mission Manager", and changed "FRR" to "DIR" in Notes 2 &amp; 3.</u> |
| <u>1/27/03</u>       | <u>Rev C</u>    | <u>All</u>    | <u>Replaced "Dryden Independent Review (DIR)" with "Dryden Flight Readiness Review (DFRR)" in all references. Changed "Approval Directive" to "recommendation" in all references, including column title p. 2. Moved Notes 1, 2 and 3 to within proximity of where each is referenced. Additional minor edits throughout.</u>  |
| <u>11-26-03</u>      | <u>Rev D</u>    | <u>Page 1</u> | <u>Added Note 3 that describes how the airworthiness process will apply to non-NSA aircraft.</u>   |

**CHECK THE MASTER LIST at**  
**<http://xnet.dfrc.nasa.gov/iso9000/>**  
**VERIFY THAT THIS IS THE CORRECT VERSION BEFORE USE**  
**PRINTED DOCUMENTS ARE FOR REFERENCE ONLY**