



STANDARD OVERHAUL PRACTICES MANUAL

SOLVENTS FOR GENERAL CLEANING OF ALL ORGANIC COATINGS (SERIES 81)

**PART NUMBER
NONE**

BOEING PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET

Copyright © 1995 The Boeing Company
Unpublished Work - All Rights Reserved

Boeing claims copyright in each page of this document only to the extent that the page contains copyrightable subject matter. Boeing also claims copyright in this document as a compilation and/or collective work.

This document includes proprietary information owned by The Boeing Company and/or one or more third parties. Treatment of the document and the information it contains is governed by contract with Boeing. For more information, contact The Boeing Company, P.O. Box 3707, Seattle, Washington 98124.

Boeing, the Boeing signature, the Boeing symbol, 707, 717, 727, 737, 747, 757, 767, 777, 787, Dreamliner, BBJ, DC-8, DC-9, DC-10, KC-10, KDC-10, MD-10, MD-11, MD-80, MD-88, MD-90, P-8A, Poseidon and the Boeing livery are all trademarks owned by The Boeing Company; and no trademark license is granted in connection with this document unless provided in writing by Boeing.

PUBLISHED BY BOEING COMMERCIAL AIRPLANES GROUP, SEATTLE, WASHINGTON, USA
A DIVISION OF THE BOEING COMPANY
PAGE DATE: Jul 01/2009

20-30-81

Page 1
Jul 01/2009



STANDARD OVERHAUL PRACTICES MANUAL

Revision No. 7
Jul 01/2009

To: All holders of SOLVENTS FOR GENERAL CLEANING OF ALL ORGANIC COATINGS (SERIES 81) 20-30-81.

Attached is the current revision to this STANDARD OVERHAUL PRACTICES MANUAL

The STANDARD OVERHAUL PRACTICES MANUAL is furnished either as a printed manual, on microfilm, or digital products, or any combination of the three. This revision replaces all previous microfilm cartridges or digital products. All microfilm and digital products are reissued with all obsolete data deleted and all updated pages added.

For printed manuals, changes are indicated on the List of Effective Pages (LEP). The pages which are revised will be identified on the LEP by an R (Revised), A (Added), O (Overflow, i.e. changes to the document structure and/or page layout), or D (Deleted). Each page in the LEP is identified by Chapter-Section-Subject number, page number and page date.

Pages replaced or made obsolete by this revision should be removed and destroyed.

ATTENTION

IF YOU RECEIVE PRINTED REVISIONS, PLEASE VERIFY THAT YOU HAVE RECEIVED AND FILED THE PREVIOUS REVISION. BOEING MUST BE NOTIFIED WITHIN 30 DAYS IF YOU HAVE NOT RECEIVED THE PREVIOUS REVISION. REQUESTS FOR REVISIONS OTHER THAN THE PREVIOUS REVISION WILL REQUIRE A COMPLETE MANUAL REPRINT SUBJECT TO REPRINT CHARGES SHOWN IN THE DATA AND SERVICES CATALOG.

20-30-81
TRANSMITTAL LETTER
Page 1
Jul 01/2009

PART NUMBER NONE



STANDARD OVERHAUL PRACTICES MANUAL

Location of Change

Description of Change

NO HIGHLIGHTS

20-30-81

HIGHLIGHTS

Page 1

Jul 01/2009



STANDARD OVERHAUL PRACTICES MANUAL

| Subject/Page | Date | Subject/Page | Date | Subject/Page | Date |
|--|-------------|--------------|------|--------------|------|
| TITLE PAGE | | | | | |
| O 1 | Jul 01/2009 | | | | |
| 2 | BLANK | | | | |
| 20-30-81 TRANSMITTAL LETTER | | | | | |
| O 1 | Jul 01/2009 | | | | |
| 2 | BLANK | | | | |
| 20-30-81 HIGHLIGHTS | | | | | |
| O 1 | Jul 01/2009 | | | | |
| 2 | BLANK | | | | |
| 20-30-81 EFFECTIVE PAGES | | | | | |
| 1 | Jul 01/2009 | | | | |
| 2 | BLANK | | | | |
| 20-30-81 CONTENTS | | | | | |
| 1 | Nov 01/2006 | | | | |
| 2 | BLANK | | | | |
| 20-30-81 REVISION RECORD | | | | | |
| 1 | Jul 01/2005 | | | | |
| 2 | Jul 01/2005 | | | | |
| 20-30-81 RECORD OF TEMPORARY REVISIONS | | | | | |
| 1 | Jul 01/2005 | | | | |
| 2 | Jul 01/2005 | | | | |
| 20-30-81 INTRODUCTION | | | | | |
| 1 | Jul 01/2005 | | | | |
| 2 | BLANK | | | | |
| 20-30-81 SUBJECT | | | | | |
| 1 | Jul 01/2007 | | | | |
| 2 | BLANK | | | | |

A = Added, R = Revised, D = Deleted, O = Overflow

20-30-81

EFFECTIVE PAGES

Page 1

Jul 01/2009



STANDARD OVERHAUL PRACTICES MANUAL

TABLE OF CONTENTS

| <u>Paragraph Title</u> | <u>Page</u> |
|--|-------------|
| SOLVENTS FOR GENERAL CLEANING OF ALL ORGANIC COATINGS (SERIES 81) | 1 |
| GENERAL | 1 |
| PROCEDURE | 1 |

20-30-81

CONTENTS

Page 1

Nov 01/2006



STANDARD OVERHAUL PRACTICES MANUAL

All revisions to this manual will be accompanied by transmittal sheet bearing the revision number. Enter the revision number in numerical order, together with the revision date, the date filed and the initials of the person filing.

Table with 8 columns: Revision Number, Revision Date, Filed Date, and Filed Initials. It consists of two identical side-by-side grids, each with 20 rows for recording revision details.



STANDARD OVERHAUL PRACTICES MANUAL

| Revision | | Filed | |
|----------|------|-------|----------|
| Number | Date | Date | Initials |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| Revision | | Filed | |
|----------|------|-------|----------|
| Number | Date | Date | Initials |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



STANDARD OVERHAUL PRACTICES MANUAL

All temporary revisions to this manual will be accompanied by a cover sheet bearing the temporary revision number. Enter the temporary revision number in numerical order, together with the temporary revision date, the date the temporary revision is inserted and the initials of the person filing. When the temporary revision is incorporated or cancelled, and the pages are removed, enter the date the pages are removed and the initials of the person who removed the temporary revision.

| Temporary Revision | | Inserted | | Removed | | Temporary Revision | | Inserted | | Removed | |
|--------------------|------|----------|----------|---------|----------|--------------------|----------|----------|------|---------|----------|
| Number | Date | Date | Initials | Date | Initials | Date | Initials | Number | Date | Date | Initials |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



STANDARD OVERHAUL PRACTICES MANUAL

| Temporary Revision | | Inserted | | Removed | |
|--------------------|------|----------|----------|---------|----------|
| Number | Date | Date | Initials | Date | Initials |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| Temporary Revision | | Inserted | | Removed | |
|--------------------|----------|----------|------|---------|----------|
| Date | Initials | Number | Date | Date | Initials |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

20-30-81

RECORD OF TEMPORARY REVISION

Page 2

Jul 01/2005



STANDARD OVERHAUL PRACTICES MANUAL

INTRODUCTION

1. General

- A. The instructions in this manual tell how to do standard shop procedures during maintenance functions from simple checks and replacement to complete shop-type repair.
- B. This manual is divided into separate sections:
 - (1) Title Page
 - (2) Transmittal Letter
 - (3) Highlights
 - (4) Effective Pages
 - (5) Contents
 - (6) Revision Record
 - (7) Record of Temporary Revisions
 - (8) Introduction
 - (9) Procedures
- C. Refer to SOPM 20-00-00 for a definition of standard industry practices, vendor names and addresses, and an explanation of the True Position Dimensioning symbols used.
- D. The data is general. It is not about all situations or specific installations. Use it as a guide to help you write minimum standards.
- E. If the component overhaul instructions are different from the data in this subject, use the component overhaul instructions.

20-30-81

INTRODUCTION

Page 1

Jul 01/2005



STANDARD OVERHAUL PRACTICES MANUAL

SOLVENTS FOR GENERAL CLEANING OF ALL ORGANIC COATINGS (SERIES 81)

1. GENERAL

- A. This subject contains a list of solvents for general cleaning of all organic coatings as given in BAC5750 (Ref SOPM 20-30-03). This subject gives only the list of solvents. It does not tell you which solvent to use or how to use the solvents.
- B. This selection of solvents uses BAC5750 as a guide. This list of solvents has the Series Bulk Code of B01001, but this code is only for reference to identify this complete group. In your orders to get the solvents of this list, you must identify each individual solvent by its name, bulk code, or other specifications, as shown. Do not use the Series Bulk Code. Refer to the U-File for the applicable vendors.

2. PROCEDURE

- A. When your procedure refers to this subject, use a solvent from Table 1.

Table 1: Solvents for General Cleaning of All Organic Coatings (Series 81)

| Material Name | Material Bulk Code | Other Specifications |
|----------------------------|--------------------|----------------------|
| Aerfluor 343 | | |
| CDG-110 | | |
| CDG-211 | | |
| Ethyl alcohol, denatured | B00068 | |
| Extra Solv | | |
| Freon TES or Genesolve DES | | |
| Freon TF or Genesolve D | B00143 | |
| Isopropyl alcohol (IPA) | B00130 | |
| MIL-C-81302, Type 1 | B00143 | |
| P-D-680, Type 1, 2, or 3 | B00074 | |
| Shopmaster RTU | | |
| TT-N-95, Type 2 | B00083 | |
| TT-T-291, Type 1, 2, or 3 | B00762 | |
| Turco 6226 | | |

20-30-81