



STANDARD OVERHAUL PRACTICES MANUAL

SOLVENTS FOR FINAL CLEANING OF COMPOSITES BEFORE STRUCTURAL BONDING (SERIES 99)

**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Unpublished Work - All Rights Reserved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

20-30-99

Page 1
Jul 01/2009



STANDARD OVERHAUL PRACTICES MANUAL

Revision No. 7
Jul 01/2009

To: All holders of SOLVENTS FOR FINAL CLEANING OF COMPOSITES BEFORE STRUCTURAL BONDING (SERIES 99) 20-30-99.

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.

20-30-99
TRANSMITTAL LETTER
Page 1
Jul 01/2009

PART NUMBER NONE



STANDARD OVERHAUL PRACTICES MANUAL

Location of Change

Description of Change

NO HIGHLIGHTS

20-30-99

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				
20-30-99 TRANSMITTAL LETTER					
O 1	Jul 01/2009				
2	BLANK				
20-30-99 HIGHLIGHTS					
O 1	Jul 01/2009				
2	BLANK				
20-30-99 EFFECTIVE PAGES					
1	Jul 01/2009				
2	BLANK				
20-30-99 CONTENTS					
1	Nov 01/2006				
2	BLANK				
20-30-99 REVISION RECORD					
1	Jul 01/2005				
2	Jul 01/2005				
20-30-99 RECORD OF TEMPORARY REVISIONS					
1	Jul 01/2005				
2	Jul 01/2005				
20-30-99 INTRODUCTION					
1	Jul 01/2005				
2	BLANK				
20-30-99 SUBJECT					
1	Jul 01/2007				
2	BLANK				

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

20-30-99

EFFECTIVE PAGES

Page 1

Jul 01/2009



STANDARD OVERHAUL PRACTICES MANUAL

TABLE OF CONTENTS

<u>Paragraph Title</u>	<u>Page</u>
SOLVENTS FOR FINAL CLEANING OF COMPOSITES BEFORE STRUCTURAL BONDING (SERIES 99)	1
GENERAL	1
PROCEDURE	1

20-30-99

CONTENTS

Page 1

Nov 01/2006



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.

20-30-99

INTRODUCTION

Page 1

Jul 01/2005



STANDARD OVERHAUL PRACTICES MANUAL

SOLVENTS FOR FINAL CLEANING OF COMPOSITES BEFORE STRUCTURAL BONDING (SERIES 99)

1. GENERAL

- A. This subject contains a list of solvents for final cleaning of composites before structural bonding as given in BAC5578. 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 BAC5578 and D6-53900 as a guide. This list of solvents has the Series Bulk Code of B01019, 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 specification, 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 Final Cleaning of Composites Before Structural Bonding (Series 99)

Material Name	Material Bulk Code	Other Specifications
1,1,1-Trichloroethane (Non-Metallic core only)	B00090	MIL-T-81533
Acetone	B00062	ASTM D329; O-A-51
BMS 11-7 (Non-Metallic core only)	B00184	
Diestone DLS		
Diestone HFP		
MEK: Toluene 1:1	B01055	ASTM D 740; TT-T-548
Methyl Ethyl Ketone (MEK)	B00148	ASTM D 740
Methyl Propyl Ketone (MPK) (High purity)	B00666	BMS 11-9
Naphtha (Non-Metallic core only)	B00083	TT-N-95 Type 2

20-30-99