External Aircraft - Cleaning

General

- (1) This task gives the procedures to remove light and heavy dirt from the ACFT external surfaces to:
 - (a) Prevent corrosion that can decrease the aircraft structure life.
 - (b) Do a thorough inspection for corrosion and other types of damage.
 - (c) Make overall appearance better.
 - (d) Keep special painting scheme characteristics.
 - (e) Keep visibility through windows.
- (2) The approved materials for wet-wash cleaning are:
 - SUPER BEE 210
 - SUPERSOL-10
- (3) The approved materials for dry-wash cleaning are:
 - NUPOWER II
 - AEROKLEEN A710
- (4) The approved solvent to clean the pylon movable fairing and flap track fairing is:
 - MEK
- (5) The approved solvent to clean the skydrol oil is:
 - SKYKLEEN 1000
- (6) The approved material to clean the landing gear wheelwell is:
 - REMOVEGRAX MLS-12.

NOTE: The REMOVEGRAX MLS-12 and REMOVEGRAX MLS-12 E are the same product.

- (7) This maintenance technician is necessary to do this task:
 - 1 Mechanical Systems

B. References

Second Arrang, 151

REFERENCE	DESIGNATION	
AMM SDS 52-11-00/1	FORWARD PASSENGER DOOR	
AMM SDS 52-12-00/1	AFT PASSENGER DOOR	
AMM SDS 52-31-00/1	FORWARD CARGO DOOR	
AMM SDS 52-32-00/1	AFT CARGO DOOR	

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Federal Register, 2014 Aircraft Accident Report ,197? Operator's, Organizational, Direct Support and General Support Maintenance Manual Including Repair Parts List for Grinding Machine, Valve Face, Model K403C and K500C, (K.O. Lee Co.), (NSN 4910-00-540-4679). ,1989 Motor Auto Repair Manual ,1994 Plunkett's Transportation, Supply Chain & Logistics Industry Almanac Jack W. Plunkett, 2008-03 A Market research guide to the transportation supply chain and logistics industry a tool for strategic planning competitive intelligence employment searches or financial research It contains trends statistical tables and an industry glossary It also includes one page profiles of transportation supply chain and logistics industry firms Technical Manual United States Department of the Army, 1960 Mergent International Manual .2009 Aircraft Accident Report United States. National Transportation Safety Board, 1992 Monthly Catalogue, United States Public Documents, 1994 **Moody's Transportation Manual**,1999 Monthly Catalog of United States Government Publications ,1994 1950 Highway Survey and Design Manual ,1950 Publications- a Quarterly Guide ,1979 Mergent Municipal & Government Manual, 2007 Assessment and Future Directions of Nonlinear Model Predictive Control Rolf Findeisen, Frank Allgöwer, Lorenz Biegler, 2007-09-08 Thepastthree decades have seen rapid development in the area of model predictive control with respect to both theoretical and application aspects Over these 30 years model predictive control for linear systems has been widely applied especially in the area of process control However today s applications often require driving the process over a wide region and close to the boundaries of erability while satisfying constraints and achieving near optimal performance Consequently the application of linear control methods does not always lead to satisfactory performance and here nonlinear methods must be employed This is one of the reasons why nonlinear model predictive control NMPC has joyed signi cant attention over the past years with a number of recent advances on both the theoretical and application frontier Additionally the widespread availability and steadily increasing power of today s computers as well as the development of specially tailored numerical solution methods for NMPC bring the practical applicability of NMPC within reacheven for very fast systems. This has led to a series of new exciting developments along with new challenges in the area of NMPC Highway Survey and Design Manual, 1950 Michigan. State Highway Department, 1950 Cars & Parts ,1976 Government Reports Announcements & Index ,1976-12

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