The logo of the Corrosion Prevention and Control Office (CPCO) is a circular emblem. It is divided into four horizontal bands: a red top band with a white aircraft icon and the word "DESIGN"; a green middle band with a white gear icon and the word "DETECTION"; a grey bottom band with a white hand icon and the word "CONTROL"; and a blue outer ring with the text "CORROSION PREVENTION AND CONTROL OFFICE" and "USAF" at the bottom.

Technical Order Updates

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Cleared for Distribution A:
Case # 78ABW-2026-0023, Dated 06 February 2026



Technical Orders

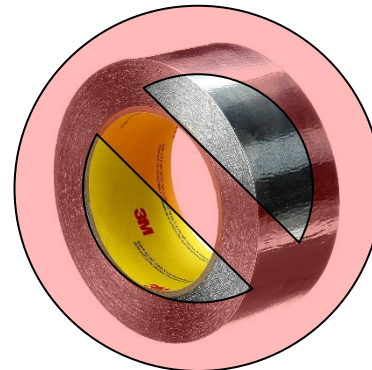
- **TO 1-1-8**, *Application and Removal of Organic Coatings, Aerospace and Non-Aerospace Equipment*
- **TO 1-1-689-1 & -3**, *Cleaning and Corrosion Control (Avionics & Electronics)*
- **TO 1-1-691**, *Cleaning and Corrosion Prevention and Control, Aerospace and Non-Aerospace*
- **TO 1-1-700**, *Corrosion Prevention and Control, Ground Communications – Electronic Equipment (C-E)*
- **TO 35-1-3**, *Corrosion Prevention and Control, Cleaning, Painting and Marking of USAF Support Equipment (SE)*



All listed technical orders managed by AFCPCO

TO 1-1-8, Previous Revision Updates

- **MIL-PRF-85285, Type I not authorized (updated 22 June 2022)**
 - Survey teams are still finding newly procured Type I coatings on the shelf
 - Change all Type I NSNs over to their Type IV replacements
- **Aluminum backed tapes for use with methylene chloride paint removers**
 - AFCPCO was notified the only authorized tape has not been ordered in > 4 years
 - 3M aluminum tape is NOT currently authorized for use – see Table 2-1



Always verify repetitive processes in technical data!



Single Component Polyurethane Coatings

Not authorized for use on aircraft or support equipment!





TO 1-1-8 Future Changes

- **Update aircraft marking requirements to match “gray tail” policies**
 - Awaiting way forward to encompass AFRC/ANG policies
- **Engineered Media Blasting (EMB) specification related updates**
- **Potentially new materials for mechanical coating removal**
- **Alignment with SAE AMS1640D revision**
- **Estimated completion: TBD**

Always verify repetitive processes in technical data!



TO 1-1-691, Change 20, 13 December 2024

- **Added Chapter 11 for INDOPACOM environments**
 - Similar to Chapter 7 for SWA environments
 - Includes aircraft cleaning, CPCs, and pre-deployment / post-deployment requirements
- **Updated aircraft CBRNE decontamination references**
- **Updated sealant materials**
- **Recommendation to add wash rack placard(s) as best practice to help alleviate wash crew confusion**
- **Updated AFIs and related publication references**

Always verify repetitive processes in technical data!



TO 1-1-691 Revision Status

- **Soliciting change requests from FAB FMs and SPO representatives**
 - Deadline for submittals: 31 March 2026
- **Convert to single column format**
- **Incorporating existing RCs from ETIMS**
- **Update NSN listings for new and outdated materials**
- **Update MIL-Spec and SAE specification references**
- **Update AFIs and related publication references**
- **Expected Completion: EOY 2026**



TO 35-1-3, Previous Change Updates

- **Removed MIL-PRF-23377, Type I, Class C primer**
 - Replaced w/ MIL-DTL-53022, Type IV, Class L for both aluminum & steel (preferred)
 - Alternate is MIL-PRF-23377, Type I, Class N
 - Alternate is MIL-PRF-32550, Type I, Form A, Class S (steel only)
 - Bare steel substrates after media blasting to near-white metal finish
- **Removed MIL-PRF-85285, Type I topcoat authorization**
 - Replaced with MIL-PRF-85285, Type IV topcoat
 - Bulk coatings (1 gallon+) already available in supply system
- **Removed MIL-PRF-26915 zinc rich primer**
 - No qualified materials on DLA's QPL – MIL-PRF-32550 alternate meets requirements

Always verify repetitive processes in technical data!



TO 35-1-3, Change 0, dated 13 December 2024

- **This is a change and not the full revision**
 - Mix up at TOMA forced a revision within system
- **Removed content from Chapter 4**
 - All common support equipment markings are now contained in TO 35-1-18, *Marking of USAF General Support Equipment (SE)*
 - Managed by equipment specialists at SE&V program office
- **Updated AFIs and related publication references**

Always verify repetitive processes in technical data!



TO 35-1-3 Revision Status

- **Added Chapter 8 for INDOPACOM environments**
 - Similar to Chapter 7 for SWA environments
 - Includes SE cleaning, CPCs, and pre-deployment / post-deployment requirements
- **Updated corrosion scoring**
 - Clarified scoring requirements to help alleviate confusion
 - Added example photos for all categories
- **Added metal wire arc spray (MWAS)**
 - Facility and equipment requirements
 - Preparation and application procedures
- **Updated AFIs and related publication references**
- **Updated Appendix A with up-to-date NSNs and new materials**
- **Expected Publication Date: 2nd Quarter 2026**



Content Slide

- **Office SharePoint:**
<http://usaf.dps.mil/teams/21080/Corrosion/SitePages/Home.aspx>
- **Office Email:** afcorr@us.af.mil
- **DSN:** 468-3284
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