



# Minutes of the 45th MMPDS Coordination Meeting

## Held in:

North Charleston, SC  
March 24-27, 2025

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## Compiled by:

Battelle  
505 King Avenue  
Columbus, OH 43201-2693

## Prepared for:

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Atlantic City, NJ 08405

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# 45<sup>th</sup> MMPDS Coordination Meeting

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## Introduction of Attendees

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A list of 45th Coordination Meeting attendees, indicating the meetings they attended, has been incorporated into this document.

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## Approval of the 45<sup>th</sup> MMPDS Meeting Minutes

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Per the Foreword of MMPDS-2025, with a few exceptions, items are considered approved if no technical comments are received by Battelle within 30 days after these Final Minutes are circulated. This review period ends on June 26, 2025.

The following three items were placed on 60-Day approval:

- Item 23-42. Upgrade and Expansion of CP-70 Ti per AMS 4921
- Item 24-80. Definition of Specification Minimum
- Item 25-12. Section 9.5.9 Presentation of Static Properties

Attendees have until July 26, 2025, to notify Battelle of technical objections to those items. If no comments are received, the items will be closed.

# 45<sup>th</sup> MMPDS Coordination Meeting

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## Chairman's Remarks - Walter Sippel

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Thanks to everyone who participated in the 45th MMPDS General Coordination Committee meetings held in North Charleston, SC between March 24 and March 27. The Battelle team did an excellent job of preparing the Agenda, Handout, and meeting arrangements to keep the program moving forward. Recent news developments impacted attendance but the 48 in-person and 36 remote individuals from 41 organizations were able to attend enjoyed a successful meeting.

As described in the Foreword to MMPDS, the standard review period for Final Minutes is 30 days after posting. Four items are designated for 60 day reviews. These Final Minutes are being sent to registered attendees and are available to Industry and Government Steering Group organizations through the member SharePoint site. If no negative technical comments are received by June 26 (regular items) or July 26 (60 day items), the items are formally approved. If negative technical comments are received before these deadlines, that item will be held open for discussion at the 46th MMPDS GCC meeting. Please advise Battelle as soon as possible if you have a technical comment.

Perhaps the highlight of the meeting was the first new material entry proposals since before the pandemic disrupted material development and testing. AA7140-T7351 and DED Ti-6Al-4V per AMS 7004 were reviewed. Neither was approved but the pieces are in place and the results were well received.

The 46th MMPDS is scheduled to take place in Brookfield, WI from September 15 through September 18. We look forward to seeing you there.

Thanks again for attending the 45th MMPDS GCC meeting. Your commitment, dedication, and donation of your valuable time to maintain MMPDS is most appreciated. I look forward to seeing everyone in Brookfield.

Best Regards,

Walter Sippel  
MMPDS Chairman  
Aerospace Engineer, Airframe Section, AIR-622  
Technical Policy Branch, AIR-620



# SUMMARIES

45th MMPDS Meeting Attendance						March 24th						March 25th		March 26th		March 27th	
Last Name	First Name	Company	Email	Phone Number	Committee Chair, Co-Chair, Vice Chair	ISG	GSG	ISG/GSG	MATSSG	ASG	FTG	GTG	PSG	ETTG	Working Groups	MTG	GCC
Ahn	Doohong	Hanwha Aerospace	doohong.ahn@hanwha.com									x	x	x	x	x	x
Ananthasayanam	Balajee	Honda Aero Inc.	bananthasayanam@na.honda.com			x		x	x			x	x	x	x	x	x
Anderson	Neil	The Boeing Company	neil.o.anderson@boeing.com			x		x			x					x	x
Antonyamy	Alphons	GKN Aerospace	Alphons.Antonyamy@GKNAerospace.com			x		x	x			x		x	x	x	x
Baker	Andrew	Spirit AeroSystems	j.andrew.baker@spiraero.com			x		x			x	x	x	x	x	x	x
Bakuckas	John	Federal Aviation Administration	john.bakuckas@faa.gov	609-485-4784				x				x		x	x	x	x
Barnett	Roger	ANSYS UK Limited	roger.barnett@ansys.com			x		x	x					x	x	x	
Beckman	Jonathan	Gulfstream Aerospace	Jonathan.Beckman@gulfstream.com									x		x	x	x	x
Bennett	Jay	NASA	jay.e.bennett@nasa.gov				x	x				x	x	x	x	x	x
Bittner	Peter	Constellium	peter.bittner@constellium.com		MATSSG	x		x	x	x		x		x		x	x
Blackburn	James	Lockheed Martin	james.a.blackburn@lmco.com			x		x	x	x	x	x	x	x	x	x	x
Bray	Gary	Westmoreland	gary.bray@wmtr.com					x	x			x		x	x	x	x
Buchwald	Scott	Constellium	scott.buchwald@constellium.com													x	x
Cordner	Sam	NASA	samuel.m.cordner@nasa.gov		ETTG, CD & M&M		x	x				x	x	x	x	x	x
Coronado	Peter	The Boeing Company	peter.a.coronado@boeing.com			x		x		x	x	x	x	x	x	x	x
Crill	Matthew	Barnes Global Advisors	matt@barnesglobaladvisors.com		ISG (Vice Chair)							x		x		x	
Cunha	Mauricio	Embraer	mccunha@embraer.com.br			x		x		x		x		x	x	x	x
Davis	Joel	Rolls-Royce	joel.davis2@rolls-royce.com			x		x		x	x	x	x	x	x	x	x
Dos Reis	Brian	Northrop Grumman	brian.dosreis@ngc.com			x		x	x	x		x		x	x	x	x
Elwell	Abram	The Boeing Company	abram.b.elwell@boeing.com			x		x	x	x	x	x	x	x	x	x	x
Eveleth	Jacob	US Air Force	jacob.eveleth.1@us.af.mil				x	x				x	x	x	x	x	x
Flanary	Austin	Ansys	austin.flanary@ansys.com			x		x	x	x		x	x	x	x		
Fuller	Bryan	The Boeing Company	bryan.g.fuller@boeing.com											x		x	
Garcia Avila	Matias	ATI Materials	matias.garcia-avila@atimaterials.com			x		x	x			x	x	x	x	x	x
Giblin	Tinsae	The Boeing Company	tinsae.k.giblin@boeing.com			x		x	x	x	x	x	x	x	x	x	x
Gill	Joseph	Collins Aerospace	joseph.gill@collins.com											x	x	x	x
Gorelik	Michael	Federal Aviation Administration	michael.gorelik@faa.gov				x	x						x	x		x
Grylls	Richard	Barnes Global Advisors	richard@barnesglobaladvisors.com											x			x
Gurrola	Robert	Howmet Aerospace	bob.gurrola@howmet.com			x		x			x						
Hall	Doug	Battelle Memorial Institute	halld@battelle.org		ETTG, GTG, MTG	x		x				x	x	x	x	x	x
Haynes	Kyle	Norsk Titanium	kyle.haynes@norsktitanium.com			x		x				x		x	x		
Heine	Christoph	Airbus Europe	christoph.heine@airbus.com			x		x		x		x		x	x	x	x
James	Mark	Westmoreland	mark.james@wmtr.com			x		x	x	x		x		x	x	x	x
Johnson	Dwight	Textron Aviation (Cessna)	DJohnson01@txtav.com								x	x		x	x	x	x
Kabbara	Jim	Federal Aviation Administration	jim.kabbara@faa.gov				x	x				x		x	x	x	x
Kane	Michael	US Army	michael.j.kane56.civ@army.mil				x	x									
Kim	Bohee	Hanwha Aerospace	bohee.kim@hanwha.com									x	x	x	x	x	x
Kitani	Yuto	Honda Aero Inc	yuto_kitani@jp.honda			x		x	x	x	x	x	x	x	x	x	x
Krile	Bob	Battelle Memorial Institute	krile@battelle.org		GTG												
Lamas	Jose Eduardo	Embraer SA	jose.lamas@embraer.com.br			x		x	x	x	x	x	x	x	x	x	x
Lamb	Justin	Universal Alloy	justin.lamb@universalalloy.com			x		x	x			x		x	x	x	x
Larsen	Hilde Løken	Norsk Titanium	hilde.loken.larsen@norsktitanium.no			x		x				x		x	x		x
LeBrun	Tyler	Sandia National Laboratories	tlebru@sandia.gov									x		x			
Leicht	Douglas	Parker LORD	douglas.leicht@Parker LORD.com			x		x	x	x	x	x	x	x	x		x
Lengerich	Ben	Kaiser Aluminum	Ben.Lengerich@kaiseraluminum.com											x		x	x

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Liou	Richard	Collins Aerospace	richard.liou@collins.com			x		x	x	x	x	x	x	x	x	x	x
Lipinski	Dorothy	Northrop Grumman	dorothy.miller@ngc.com			x		x	x	x	x	x		x	x	x	x
Liu	George	US Army	george.g.liu.civ@army.mil				x	x				x		x	x	x	x
Maciejewski	Kimberly	Arconic	Kimberly.Maciejewski@arconic.com			x		x	x			x		x	x	x	x
Mantione	John	ATI Materials	john.mantione@atimaterials.com			x		x	x	x		x	x	x	x	x	x
Martin	Todd	US Army	todd.e.martin.civ@army.mil				x	x				x		x	x	x	x
McGill	Matthew	Parker LORD	Matthew.McGill@parker.com			x		x			x	x	x	x	x	x	
McVaugh	Brad	Laboratory Testing Inc.	brad.mcvaugh@labtesting.com						x								
Mohan	Sabarrish	Northrop Grumman	sabarrish.mohan@ngc.com			x		x	x	x	x	x	x	x	x	x	x
Ofsthun	Mark	Honda Aircraft Company	mark_ofsthun@haci.honda.com			x		x	x	x	x	x	x	x	x	x	
Olsen	Kirk	Parker LORD	Kirk.Olsen@Parker LORD.com			x		x				x		x	x	x	x
Pujar	Vijay	Collins Aerospace	vijay.pujar@collins.com			x		x	x							x	
Rackliffe	Moriah	Norsk Titanium	moriah.rackliffe@norsktitanium.com					x	x		x	x					
Ramaswamy	Nagarajan	Parker LORD										x		x	x		
Reakes	Clay	Battelle Memorial Institute	reakes@battelle.org		FTG	x		x			x	x	x	x	x	x	x
Riddle	Lenn	General Atomics	lenn.riddle@ga-asi.com			x		x			x	x	x	x	x	x	x
Rocha	Elisa Gombio	Embraer SA	elisa.rocha@embraer.com.br			x		x	x	x	x	x	x	x	x	x	x
Roepke	Caleb	Blue Origin	croepke@blueorigin.com									x	x	x	x	x	x
Rose	David	Collins Aerospace	david.l.rose@collins.com>											x	x		
Rubadue	Jana	Battelle Memorial Institute	rubaduej@battelle.org			x		x	x			x		x	x	x	x
Rush	Michael	The Boeing Company	michael.r.rush@boeing.com			x		x		x	x						x
Sabo	Ken	Lockheed Martin	ken.r.sabo@lmco.com									x					
Saville	Alec	Elementum 3D	alec@elementum3d.com			x		x	x	x		x	x	x	x		
Scalf	Cyndee	Battelle Memorial Institute	scalf@battelle.org			x		x			x	x	x				
Scheuring	Jason	Kaiser Aluminum	jason.scheuring@kaiseraluminum.com			x		x	x	x		x			x	x	x
Shaw	Mark	NIAR	mark.shaw@idp.wichita.edu			x		x				x	x	x		x	x
Sheffels	Christopher	Honda Aircraft Company	christopher_sheffels@haci.honda.com			x		x	x	x	x	x	x	x	x	x	x
Sippel	Walter	Federal Aviation Administration	walter.sippel@faa.gov		GSG (Chair)		x	x				x		x	x	x	x
Smith	Ryan	Honda Aero Inc.	ryan_smith@na.honda.com			x		x				x	x	x	x	x	x
Snyder	Donald	Bell Textron	dsnyder2@bellflight.com														
Snyder	Matthew	Battelle Memorial Institute	snydermd@battelle.org			x		x	x	x		x	x	x	x	x	x
Steevens	Andrew	The Boeing Company	andrew.j.steevens@boeing.com			x		x	x	x		x		x	x	x	x
Stepanova	Mariia	Norsk Titanium	mariia.stepanova@norsktitanium.com			x		x				x		x	x		x
Stonaker	Kevin	Federal Aviation Administration	kevin.stonaker@faa.gov					x				x		x	x	x	x
Sutton	Adam	Lockheed Martin	adam.c.sutton@lmco.com			x		x	x	x		x	x	x	x	x	
Takahashi	Kotomi	IHI Corporation	takahashi6642@ihi-g.com			x		x	x	x		x	x	x	x	x	x
Tay	Neville	NIAR	Neville.Tay@idp.wichita.edu			x		x				x	x	x	x		
Tian	Yongzhe	Federal Aviation Administration	yongzhe.tian@faa.gov		FTG			x			x	x		x	x	x	x
Torgerson	Tyler	Bell Textron	ttorgerson@bellflight.com											x	x		
Tummons	David	The Boeing Company	david.tummons@boeing.com		ISG (Vice)	x		x	x	x	x	x	x	x	x	x	x
Tylenda	Jeremy	GKN Aerospace	jeremy.tylenda2@usa.gknaerospace.com											x			
Vogel	Bret	Textron Aviation (Cessna)	bvogel@txtav.com		WWG	x		x	x	x		x		x	x	x	x
Watkins	Sarah	Collins Aerospace	sarah.watkins@prattwhitney.com									x	x	x	x	x	x
Wertz	Katelun	US Air Force	katelun.wertz@us.af.mil				x	x				x	x	x	x	x	x

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Wheelock	Paul	Rolls-Royce	paul.wheelock@rolls-royce.com		PSG	x		x	x	x		x	x	x	x	x	x
White	Will	Battelle Memorial Institute	whitew@battelle.org			x		x			x	x	x	x	x	x	x
Wrenn	Katy	The Boeing Company	katy.m.wrenn@boeing.com			x		x	x			x	x	x	x	x	x
Yohannes	Aklilu	Federal Aviation Administration	aklilu.yohannes@faa.gov		C&Q		x	x				x		x	x	x	x

OBSERVERS



## 45th MMPDS Coordination Meeting

### New Item Numbers Assigned in 2025

25-01	PCD Contents in V2 – Cleaning Machines
25-02	Required Issues to Resolve to Define Fatigue Allowable
25-03	Metal Matrix Alloys in MMPDS
25-04	Corrections to 8.1.1 Tables
25-05	AF1410 Condition
25-06	Editorial Corrections
25-07	Stabilization of AMS 4373 for 2017 Aluminum Alloy
25-08	Adding Slash Sheet Specs for PH13-8Mo
25-09	V2 Specimen Orientations for Fatigue Crack Growth
25-10	Test Plan for AA7050-RAM2
25-11	Updating MIL Specifications
25-12	Section 9.5.9 Presentation of Static Properties
25-13	Update Notice for Volume II
25-14	Updating MIL Specifications in Chapter 8
25-15	Addition of Text on Ungrouping Data to V2 9.2.4.2
25-16	Fracture Toughness Data Requirements
25-17	Lot-Release Confirmation Process for Blind Fasteners
25-18	Clarification of "Width" and "Thickness" in DED Preforms
25-19	Modulus of Rupture Curves in MMPDS
25-20	ASTM E111 Best Practices
25-21	Section 9.2.4.6.4 Yield Typical Corrections
25-22	Counting Powder Heats in a Continuous Feed Process
25-23	Consent Agenda for the 45th GCC
25-24	Fastener Allowable Bearing Line Adjustment Procedure
25-25	Modification of Fastener Analysis Method to Use Absolute Error
25-26	Structural Failure Load vs Ultimate Load for Fastener Analysis
25-27	Update Subscript Notation Consistency in Section 9.7
25-28	Moving Fastener Data Requirements and Examples to Section 9.7 or Ch. 8
25-29	Examples of Specimen Location in Test Plan Layouts
25-30	Legacy Alloy Review B-Basis Adjustment with A-Basis Adjustment
25-31	OSAT Changes for V2 10.2
25-32	Investigate Use of Total Strain at Failure in the V1 and V2
25-33	Requirements to Include D-Basis without C-Basis for V2
25-34	Guidelines for a Secondary Supplier Upgrading Basis of V2 Tables
25-35	Allowing B's without A's in V1
25-36	Definition of Preform in V2
25-37	Investigate Relationship of Unique Chemistry in Relation to Powder Heats
25-38	MMPDS Definition of Metal Matrix Alloys
25-39	Recommended Best Practice Test Conditions for E111
25-40	V2 Combinability of Multiple Laser Systems
25-41	Consider How to Incorporate Rod Test Orientations for Shear Orientations
25-42	Update Section 1.4.6 for Shear Orientations for B831
25-43	Rounding Method when the A-Basis Value Equals the B-Basis Value
25-44	Determination of B-Basis When A-Basis is Lower Than the T99

## 45th MMPDS Coordination Meeting

### New Item Numbers Assigned in 2025

25-45	Corrections to Equation 9.7.1.4(b)
25-46	Update Creep Data Requirements to Vary Stress
25-47	Stabilization of AMS 5933 HSL 180

## 45th MMPDS Coordination Meeting Final Minutes

### CLOSED AGENDA ITEMS

Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
	Final	Initial						
23-14	MTG		1	5	Revision of Ti-6Al-4V Die Forging Property Table	Agenda	Approved and Closed	Approve all. NEW ITEM 24-76 opened to better describe fracture toughness data requirements and when they apply.
23-16	MTG		1	3	2050 SCC Test Data	Agenda	Approved and Closed	C. Shannon presented this item. There were no objections to the addition of the SCC table.
23-44	GTG	MATSSG	1, 2	9	Restructuring of Data Requirements Tables in 9.2.4	Agenda	60 Day Approval	M. Snyder presented this item. This item was also discussed during the MATSSG and ASG. Both groups liked the proposed reformatting and are in favor of ignoring the alternate format in Appendix A. The purpose of this item is only to reformat for clarity. Approved editorial comments/changes are noted in the pdf and will be shown in the minutes. NEW ITEM 24-77 will be opened to address suggested changes to guidelines captured in the pdf comments. NEW ITEM 24-78 to understand Table 9.2.4.1 Test Matrix that was in MMPDS-17 and if new version is needed.
23-46	PSG				NIMS/NEDO Intro Presentation	Status	Closed w no Action	No data are expected at this time.
23-52	GTG-F	FTG	1	9	Clarification of Typical Yield Joint Curve	Agenda	Approved w Changes and Closed	C. Reakes presented this item. FTG recommended approve with changes and close. Change was to remove B-Basis from title of Figure 9.7.1.4(d).
23-53	MTG		1	5	Fatigue Curve for Ti-6-2-4-2	Agenda	60 Day Approval	C. Reakes presented this item. The Committee agreed with going with the no-runout option. Proposal to include Figure 1 approved.  After the meeting Battelle noticed an error in the proposal. The selected figure was intended to be a replacement for Figure 5.3.3.1.8, not added as Figure 5.3.3.1.8(b). For this reason, this item was changed from Approved and Closed to a 60 Day Approval. A corrected proposal will be shown in the final minutes.
23-54	MTG		1	3	Review of Fracture Toughness Tables	Agenda	Approved and Closed	C. Reakes presented this item. No objections to proposal to delete all highlighted rows.

## 45th MMPDS Coordination Meeting Final Minutes

### CLOSED AGENDA ITEMS

Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
	Final	Initial						
23-57	GTG				MMPDS Bylaws: Clarify GCC roles and responsibilities.	Agenda	Approved w Changes and Closed	D. Hall presented this item. Comments and changes are captured in the pdf and will be shown in the minutes. NEW ITEM 24-79 to add information about abstentions from votes in the next revision.
23-60	GTG		1, 2		Definition of S-Basis for Volume I	Agenda	60 Day Approval	D. Hall presented this item. Comments and changes are captured in the pdf and will be shown in the minutes. J. Rubadue found some additional information suggesting 30/3/3 was the established requirement in 2001 or earlier. Battelle will confirm a date, modify, and document in the Final Minutes. NEW ITEM 24-80 to define specification minimum.
24-07	GTG		1, 2		Review Appendix A.3 Definitions - Format	Agenda	Approved w Changes and Closed	D. Hall presented this item. Comments and changes are captured in the pdf and will be shown in the minutes.
24-09	GTG		1, 2	9	Update Sections 9.1-9.3 in Volume I Consistent with Volume II	Agenda	Approved w Changes and Closed	D. Hall presented this item. Editorial changes are captured in the pdf and will be shown in the minutes. Proposals in #1 approved with changes. Proposals #2 and #3 continued and will be worked in NEW ITEM 24-89. Include in NEW ITEM 24-77 to standardize use of Young's Modulus/Elastic Modulus/Modulus of Elasticity in the Handbook.
24-11	GTG	ASG		1	Section 1.4.6 Corrections	Agenda	Approved and Closed	C. Shannon presented this item. No objections to proposed replacement figure. NEW ITEM 24-82 opened to investigate Equation 1.4.6.2.
24-13	GTG	ETTG/MTG	2	9	Definition of Bulk Material	Agenda	Approved w Changes and Closed	D. Hall presented this item. No objections to intent of definition but suggestion to add "(e.g., surface conditions on fatigue specimens) " after "specific conditions" and change "conditions" to "influence factors"  No objections from MTG.
24-15	MTG		1	6	Correction to 718 Alloy Bar and Forging Tables	Agenda	60 Day Approval	C. Shannon presented this item. No objections to any proposals but suggested 60 day approval to review all of the changes. New item was requested to better define how S-Basis adjustments get documented. Battelle advises against a new item at this time.
24-20	GTG		1, 2	1	Update Use of Proportional Limit and Ftp in V1 and V2	Consent Agenda	Closed w no Action	This consent agenda included information on proportional limit and proposed no changes be made.

## 45th MMPDS Coordination Meeting Final Minutes

### CLOSED AGENDA ITEMS

Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
	Final	Initial						
24-24	MTG		1	3	AMS 4413 Thickness Range Expansion	Agenda	Approved and Closed	C. Shannon presented this item. There were no objections to approving the 6.5001-7.000 inch A and B-Basis properties. Question on approving S-Basis for 7-8 inch. Jana said we do not have derived properties which is why we did not include it. Airframers indicated there is no benefit to them in adding S-Basis without secondary properties.  NEW ITEM 24-90 for expanding thickness range with S-Basis values.
24-37	MTG		1	5	Corrections to Titanium FCG Figures and Tables	Agenda	Approved and Closed	C. Reakes presented this item. There were no objections to any of the proposed tables and figures. Will confirm the orientations on table c. Table c approved. Will check axis titles on all the figures.
24-39	MTG		1	2	Corrections to FCG in Chapter 2	Agenda	Approved w Changes and Closed	C. Reakes presented this item. No objections to approving Table 1 or Figure 1. No objections to Figure 3 or Table 2. Will strike 12.59 editorially on Table 2. No objections to Figure 7 or Table 3. No objections to Figure 10 or Table 4. NEW ITEM 24-83 to address stress ratio vs. force ratio.
24-42	MTG		1	5	Addition of Strip Product Form to Tables 5.4.1.0(b1) and (b3)	Agenda	Approved and Closed	C. Shannon presented this item. No objections to proposals.
24-43	FTG		1	8	Fastener Specification Review (Active/Cancelled)	Agenda	Closed w no Action	C. Reakes presented this agenda item. Item was for information only.
24-44	GTG		1, 2	9	Combinability Flowchart for Section 9.5.3	Agenda	Approved w Changes and Closed	M. Snyder presented this item. Changes are documented in the pdf.
24-48	GTG	ETTG	2	9	Feedstock Reuse in AM Processes	Agenda	Approved w Changes and Closed	D. Hall presented this item. Section 9.2.2.4 heading will be changed to "Powder Reuse". Editorial change to spell out PCD where it is used earlier in the paragraph and strike "process control document" later in the paragraph. These changes will be shown in the minutes. "Recycling" will be changed to "Powder Reuse" in the Subject Index.
24-49	GTG	ETTG	2	9	Additions to Microstructure Requirements for Volume II	Agenda	Approved w Changes and Closed	D. Hall presented this item in ET TG and GTG. See minutes item for full changes. Anisotropy and other "strongly recommended" items will be addressed in Item 24-84.

## 45th MMPDS Coordination Meeting Final Minutes

### CLOSED AGENDA ITEMS

Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
	Final	Initial						
24-52	GTG		1, 2	9	Use of Weibull Method for Direct Analysis of Negatively Skewed Data	Agenda	Closed w no Action	M. Snyder presented this item. No further action needed.
24-54	GTG		1, 2	multi	Change from FCP to FCG	Agenda	Approved and Closed	C. Reakes presented this item. "Fatigue crack propagation will be changed to "fatigue crack growth" to avoid confusion with fracture control plans.
24-55	MTG		1	3	7175-T7X Hand Forging Cross-Sectional Area	Agenda	Approved and Closed	C. Shannon presented this item. No objections to proposals.
24-57	MTG		1	3	Stabilization of AMS 4298	Consent Agenda	Approved w Changes and Closed	Discussed briefly in MTG. 2056 alloy was also listed in some additional tables as identified in the minutes.
24-60	MTG			2	A- and B-Basis Ft <sub>u</sub> and Ft <sub>y</sub> for 304L per AMS 5511	Agenda	Approved w Changes and Closed	D. Hall presented this item. Will add a disclaimer that a lot release test data should be used. Document as T99 and T90.
24-61	MTG		1	4	Revision of Effect of Exposure on Elongation for WE43C	Agenda	Approved and Closed	C. Reakes presented this item. There were no objections to the replacement figures.
24-64	GTG		1, 2	9	Correction to Skewness Adjustment in Indirect Method with Regression	Agenda	Approved w Changes and Closed	M. Snyder presented this item. Changes are captured in the pdf and will be shown in the minutes. NEW ITEM 24-86 to investigate whether the skewness adjustment is necessary for the regression case of the indirect method.
24-65	GTG		1, 2	9	Update to Table 9.10.1. One-Sided Tolerance Limit Factors	Agenda	Approved w Changes and Closed	M. Snyder presented this item. Changes are captured in the pdf and will be shown in the minutes.
24-66	MTG		1	3	Correction to Figure 3.2.19.2.1(b) for 2219-T8X Plate	Consent Agenda	Approved and Closed	The changes in the agenda item will be implemented in MMPDS-2025
24-69	GCC				Consent Agenda - 44th MMPDS GCC	Consent Agenda	Approved and Closed	The Consent Agenda item list was approved by the GCC.
24-70	GTG		1, 2	9	Weight Density Clarification	Handout	Approved and Closed	D. Hall presented this handout. This an editorial change that has been made for MMPDS-2025.
24-NIN	MTG		1		MMPDS Handbook Table Order	Handout	Closed w no Action	D. Hall presented this handout.

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Item No	Responsible Group	HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
04-21	FTG	1	8	Fastener Tables of Sunset Review Interest	On Hold	Not Covered	This item is on hold, pending items 23-27, 23-28, and 23-29
08-23	FTG	1	8	Sunset Review of Table 8.1.3.2.2(c), NAS1921C	On Hold	Not Covered	This item is on hold, pending items 23-27, 23-28, and 23-29
09-13	FTG	1	8	Sunset Review of Table 8.1.3.2.3(a), MS21140	On Hold	Not Covered	This item is on hold, pending items 23-27, 23-28, and 23-29
11-05	MTG	1	1	AMS Coordination - Volume I	Status	Continue	The AMS Metals Committee Meetings will be held the week prior to the MMPDS meeting. A status report will be given. More information will be included in the minutes.
11-38	FTG	1	8	Sunset Review of Flush Head, Mechanical Lock Spindle Blind Rivet Table 8.1.3.2.2(e) NAS 1921 M	On Hold	Not Covered	This item is on hold, pending items 23-27, 23-28, and 23-29
12-89	MTG	PSG	1, 2	Target Materials for Propulsion Applications	Status	Continue	D. Hall will provide a status update.
13-34	MTG		1	Addition of AMS 4919 Ti-6-2-4-2 Plate Properties	Status	Continue	C. Reakes will provide a status update.
13-50	MTG	ETT	1, 2	ASTM Coordination	Status	Continue	C. Reakes will provide a status update.
14-28	FTG	1	8	Sunset Review of Table 8.1.4.2(i), LGPL2SC-V Pin, 3SLC-C Collar in Clad 7075-T6	On Hold	Not Covered	This item is on hold, pending items 23-27, 23-28, and 23-29
15-13	MTG	1	multi	Clarification of Shear Orientation for Legacy Alloys	Agenda	Continue	M. Snyder will present this agenda item. Telecons were held on February 4 and 12 to begin discussions. Registered attendees were invited.
15-38	GTG	PSG	1	Reevaluation of Degrees of Freedom Calculation for Regression with Effect of Temperature	Status	Continue	D. Hall will lead discussion of this item. It will be presented together with 16-23
16-12	FTG	1	8	Identifying Basis of Fastener Shear Strength on Remaining Tables	Status	Continue	C. Reakes will lead discussion of this item
16-13	FTG	1	8	Corrections to Table 8.1.3.2.2(c) NAS 1921C	On Hold	Not Covered	This item is on hold, pending items 23-27, 23-28, and 23-29
16-23	GTG	PSG	1	Re-evaluate Guidelines for Effect of Temperature Curves	Status	Continue	D. Hall will lead discussion of this item. It will be presented together with 15-38

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17-23	GTG	MTG	1	9	Legacy Alloy Review Strategy – Near Term	Agenda	Approved w Changes and Closed	D. Hall will present this item. This will include an update on the GA being discussed by the SAE AMS Conventional Metals Committee.
17-45	MTG		1	3	Effect of Temperature Curves for 2395-T84 Extrusion	On Hold	Not Covered	This item is on hold pending revision of the effect of temperature method.
17-52	GTG	FatWg	1	9	Review Section 9.6.1 - Load and Strain Control Fatigue	Status	Continue	D. Hall will lead discussion of this item.
17-61	GTG	FatWg	1	9	Revising R-curve Requirement in Table 9.2.4	Status	Continue	C. Reakes present a status update.
17-62	GTG	FatWg	1	9	Revising Fatigue Requirement in Table 9.2.4	Status	Continue	C. Reakes will lead the discussion of this item
17-63	GTG	FatWg	1	9	Use of Box-Cox Transformation in the Fitting of Fatigue Data	Status	Continue	This item will include a discussion of the theory and a beta tool to implement this approach to fatigue data analysis.
19-19	GTG	FatWg	1	9	Consideration of a new Equivalent Stress model for Load-Controlled Fatigue	Handout	Continue	C. Reakes will present this agenda item.
19-25	GTG	ASG	1	9	Guidelines for Derived Properties for Legacy Alloys	On Hold	Not Covered	This item is on hold.
19-34	GTG	PSG	1	9	Waive Requirement for Bearing Properties When Appropriate	On Hold	Not Covered	This item is on hold.
19-37	GTG-F	FTG	1	9	Establish a Guideline for Reinserting Chapter 8 Tables. (Solid Fasteners)	Agenda	Closed w no Action	C. Reakes will present this agenda item.
19-38	ETTG		2		Process Intensive Materials & Technologies SDO Coordination	Status	Not Covered	D. Hall will provide a status update.
20-10	MTG		1	3	Upgrade of Secondary Properties of 7075-T76511 Aluminum Alloy Extrusions	Agenda	Continue	M. Snyder will present this agenda item.
20-13	ETTG		2		CMH-17/MMPDS Coordination & Collaboration	Status	Continue	D. Hall will provide a status update.



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Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
20-16	ETT	G	2		MMPDS & Additive Metals - Program Plan	Handout	Continue	D. Hall will provide a status update.
20-30	GTG	ETT	2	9	Components of Variance Analysis of AM, Cast, & Wrought Ti 6-4	Handout	Closed w no Action	W. White will present this item.
20-35	MTG		1	multi	Alloys Requested for Analysis	Status	Continue	M. Snyder will provide a status update.
20-36	MTG		1	multi	Request for Secondary Property Data	Status	Continue	W. White will provide a status update.
21-02	GTG	ETT	2	9	Chapter 9 Reorganization – Volume I & II	Agenda	Continue	D. Hall will lead the discussion of this item. The name has been changed from Section 9.5 & 9.6 in Volume II.
21-18	ETT		2		Updates from V2WG Sub-teams	Status	Not Covered	Co-chairs of the sub-teams will provide status updates.
21-40	GTG	ETT	2		Impact of Powder Re-use on AMS7000 625 LPBF	On Hold	Not Covered	This item is on hold.
21-42	MTG	PSG	1	6	Update for Haynes 230 Strength vs. Temperature curves	Status	Continue	D. Hall will present this agenda item.
21-48	GTG	MTG	1	9	Periodic Testing Options for Specifications	Handout	Closed w no Action	D. Hall will provide a status update.
21-53	ETT		2	6	Analysis of 718 Laser Powder Bed Fusion per AMS 7024	Status	Closed w no Action	This item will be closed with no action. It may be reopened if data are received in the future.
22-03	FTG	ASG	1	8	Fasteners Requested for Analysis	Status	Continue	C. Reakes will provide a status update.
22-15	FTG		1	8	Test Plan for Fastener MS20426AD in 2024-T42	On Hold	Not Covered	On hold pending Item 23-29
22-33	GTG	ETT	2	9	Microstructure Information Accessibility for MMPDS, V2	Status	Not Covered	D. Hall will lead discussion of this item.
22-38	GTG-F	FTG	1	9	Guidelines for Re-Inserting Chapter 8 Tables (Blind Fasteners)	Agenda	Closed w no Action	C. Reakes will present this agenda item.
22-46	MTG		1	3	Update Stress Corrosion Data for Tables in 3.1.2	Agenda	Approved and Closed	C. Reakes will present this agenda item.
23-04	GTG	ETT	2	10	V2, 10.3 Overview of Qualification	Status	Not Covered	The C&Q co-chair will provide a status update. This sub-team needs to identify a new industry co-chair.

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Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
23-11	GTG	ETT	2	10	Section 10.5 Consensus Standards	Status	Not Covered	The C&Q co-chair will provide a status update. This sub-team needs to identify a new industry co-chair. The title of this item has been changed to create Section 10.5 Consensus Standards.
23-19	GTG-F	ETT, FTG	2	9	Review of 9.7 for Volume II	Status	Not Covered	C. Reakes will lead discussion of this item
23-20	GTG	ETT	2	9	Section 9.8 & 9.9 for Volume II	Status	Not Covered	D. Hall will provide a status update.
23-22	ETT		2	3	6061-RAM2 per AMS 7054	Status	Continue	D. Hall and a representative from Elementum3D will provide a status update.
23-27	GTG-F	FTG	1	9	Modification of Sunset Procedures for Swaged Collar / Threaded Fasteners	Status	Closed w no Action	C. Reakes will provide a status update.
23-28	GTG-F	FTG	1	9	Modification of Sunset Procedures for Solid Rivets	Agenda	Closed w no Action	W. White will present this agenda item.
23-29	GTG-F	FTG	1	9	Modification of Sunset Procedures for Blind Fasteners	Status	Closed w no Action	C. Reakes will provide a status update.
23-30	GTG-F	FTG	1	9	Minimum Spec Content Requirements for Fasteners (like 9.2.2)	Status	Closed w no Action	C. Reakes will provide a status update.
23-33	GTG	FatWg		9	FCGR Variable Load Analysis Methods	Handout	Continue	M. Snyder will present this handout item.
23-34	GTG		2	9	Role and Documentation of Specimen Location Used in Indirect Analysis	Agenda	Approved w Changes and Closed	M. Snyder will present this agenda item.
23-36	GTG-F	FTG	1	9	Ch. 8 A-Basis Static Allowables Requirement for Fastener Fatigue Figures	Status	Continue	C. Reakes will provide a status update.
23-42	MTG		1	5	Upgrade and Expansion of CP-70 Ti per AMS 4921	Agenda	60 Day Approval	W. White will present this agenda item.

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Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
23-43	MTG		1	3	Correction to 7349-T76511 Extrusion Mechanical Properties	Status	Continue	The decision at the 42nd meeting was not to remove minimums, but request Constellium supply additional data for derived properties. Battelle is waiting on data.
23-48	ETTG		2	5	Ti-6Al-4V per AMS 7004/7005	Agenda/Handout	Continue	D. Hall will present this agenda item.
23-56	GCC	ETTG	2		Use of Columns in Volume II	Consent Agenda	Approved and Closed	Please contact Battelle prior to the meeting if this item needs to be discussed.
23-59	GTG		1, 2	9	Scenarios for Upgrading from S-Basis to C/D-Basis	Status	Not Covered	D. Hall will provide a status update.
23-61	ETTG				V2WG Coordination & Direction	Status	Not Covered	This time will be for the Volume II Working Groups to meet at the end of the ETTG session.
24-01	MTG	ASG, MATSSG	1	3	7140-T7451 Plate: Review 8-10 Inch Tensile Minimums	Agenda/Handout	Approved w Changes and Closed	W. White will present this agenda item.
24-03	GTG		1, 2	9	Equations for Normal Distribution k-factors	On Hold	Not Covered	This item is on hold.
24-04	ETTG		2	5	Ti-6Al-4V JMADD Test Plan	Status	Continue	NIAR will provide a status update. Preliminary analysis was included in the Final Minutes of the 44th GCC.
24-05	ETTG		2	5	Ti-6Al 4V GAMAT Test Plan	Status	Continue	D. Hall or a representative from Boeing will provide a status update.
24-06	GTG		1, 2	9	Update to Section 9.3 Data Submission Guidelines	Status	Not Covered	D. Hall will provide a status update.
24-16	GTG	ETTG	2	9	Section 9.2.3.5 for Volume II	Status	Not Covered	D. Hall will lead discussion of this item.
24-17	GTG		1, 2		Updates to the OSAT method	Agenda	Continue	M. Snyder will present this agenda item.
24-18	GTG		1, 2		Use of the Term "Allowable" for Fatigue and "Allowables" from Various Sources	Status	Not Covered	D. Hall will lead discussion of this item. This item will be discussed with 25-02

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Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
24-25	GTG	ETTG	2	8, 9	Friction Stir Welding	Status	Not Covered	C. Reakes will provide a status update.
24-31	GTG-F	FTG	1	9	Section 9.7 Restructure and Clean-Up	Agenda	Approved w Changes and Closed	C. Reakes will present this agenda item.
24-32	ETTG		2		AMS Coordination - Volume II	Status	Not Covered	D. Hall will provide a status update.
24-34	GTG		2	9	Consolidation of Stress-Strain Analysis Information	Status	Not Covered	C. Reakes will present this agenda item.
24-38	GTG		1	9	Bearing Edgewise Requirements	On Hold	Not Covered	See 44th agenda and minutes. A decision was made to review bearing results using indirect method prior to proceeding.
24-40	ETTG		2	5	Ti 6-4 AM Test Plan per xxx	Status	Continue	D. Hall or a representative from Korea Aerospace will provide a status update.
24-45	GTG-F	FTG	1	9	Update Section 9.9.5 Mechanically Fastened Joints	Status	Not Covered	C. Reakes will provide a status update.
24-46	GTG				Preliminary Material Properties Handbook	Status	Continue	D. Hall will lead discussion of this item.
24-47	GTG		1	9	V1 Table Format Revision Guidelines	Agenda	Approved w Changes and Closed	D. Hall will present this agenda item.
24-51	GTG	ETTG	2	9	D-Basis without C-Basis in Volume II	Agenda	Closed w no Action	M. Snyder will present this agenda item.
24-53	GTG	ETTG	2		Definition of Process Intensive Material	Consent Agenda	Closed w no Action	Please contact Battelle prior to the meeting if this item needs to be discussed. Battelle recommends that this item be Closed with No Action. Item 25-13 Notice Update proposes a resolution.

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Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
24-56	MTG	MATSSG	1	3	7175-T73511 Extrusion Cross-Sectional Area	Agenda	Approved and Closed	W. White will present this agenda item.
24-58	GTG	ETTG	2	9	Similar Stress States for AM Shear and Bearing Test Specimens	Handout	Closed w no Action	D. Hall will lead discussion of this item.
24-59	GTG-F	FTG	1	9	Legacy Review Process for Solid Rivets	Handout	Continue	C. Reakes will present this agenda item.
24-62	GTG	ETTG	2	1	V2: Section 1.3 Process Intensive Materials	Agenda	Approved w Changes and Closed	D. Hall will present this agenda item.
24-63	GTG	ETTG	2	9	Definition(s) Related to Feedstock Heat in V2	Agenda	Approved w Changes and Closed	D. Hall will present this agenda item.
24-67	MTG		1	3	Addition of 7140-T7351 Aluminum Alloy Plate	Agenda/Handout	Continue	M. Snyder will present this agenda item.
24-68	MTG		1	3	Addition of 2074-T84 Aluminum Alloy Sheet	Status	Continue	M. Snyder will provide a status update.
24-71	GTG-F	FTG	1	8	MIL-HDBK-5 Method Footnote for Fastener Tables	Agenda	Approved w Changes and Closed	C. Reakes will present this agenda item.
24-72	ETTG		2	2	15-5PH AM Test Plan per AMS 7073	Handout	Continue	D. Hall and a representative from Parker-Lord will provide a status update.
24-73	MTG	FatWG	1	2	S/N Curves for 15-5PH	Status	Continue	C. Reakes and a representative from Parker-Lord will provide a status update.
24-74	ETTG				Ti-6Al-4V Recycling Processes	Status	Closed w no Action	This item will be closed with no action.

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Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
24-75	GCC		1	3	Corrections to Effect of Temperature for 2024 Aluminum Alloy	Consent Agenda	Approved and Closed	Please contact Battelle prior to the meeting if this item needs to be discussed. The figures were corrected editorially in MMPDS-2025. This agenda is for information and includes background on the figures. This item will be approved and closed.
24-76	GTG	ETTG	1, 2	9	Fracture Toughness Data Requirements: Specimen Location and Properties	Handout	Closed w no Action	D. Hall and C. Reakes will lead discussion. AM material test plans have highlighted potential issues because specimens cannot meet ASTM E399 thickness requirements. A comment was made at the 44th GCC that perhaps KIC specimens could be paired the yield strength measured from neighboring tensile specimens. The name of this item has been changed from Fracture Toughness Data Requirements: Specimen Location and Properties.
24-77	GTG		1, 2	9	Revisions to Table 9.2.4 Data Requirements in V1 and V2	Agenda	Continue	D. Hall will present this agenda item.
24-78	GTG		1	9	Test Matrix	Status	Not Covered	D. Hall will present this agenda item
24-79	GTG				MMPDS Bylaw Revisions	Status	Closed w no Action	The GCC requested that the Bylaws be clarified to specify how abstentions are counted. Battelle reviewed the Bylaws, which include a statement. This item will be Closed with no Action.
24-80	GTG		1, 2	9	Definition of Specification Minimum	Agenda	60 Day Approval	D. Hall will present this agenda item.
24-81	GTG		1, 2	9	Addition of Engineering Judgment Language	Agenda	Approved w Changes and Closed	D. Hall will present this agenda item.

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Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
24-82	GTG		1, 2	1	Investigation on Ultimate and Yield Stresses in Shear Equation 1.4.6.2	Handout	Continue	C. Reakes will present this agenda item.
24-83	GTG		1, 2	9	FCG - Use of Stress Ratio vs Force Ratio	Agenda	Closed w no Action	C. Reakes will present this agenda item.
24-84	GTG	PSG	1, 2	9	Table Format Options for Engine vs Airframe Alloys	Status	Continue	D. Hall will lead discussion of this item.
24-85	GTG-F	FTG	1	9	Legacy Review Process for Solid Fasteners	Agenda	Approved w Changes and Closed	C. Reakes will present this agenda item.
24-86	GTG		1, 2	9	Skewness Adjustment for Regression Indirect Analysis Method	Agenda	Closed w no Action	M. Snyder will present this agenda item.
24-87	GTG	PSG	1, 2	9	Data Requirement Table for PSG Alloys	Handout	Continue	D. Hall will present this agenda item
24-88	ETTG		2	5	Test Plan for Ti-6-4 per AMS7009	Status	Continue	A representative from GKN will provide a status update.
24-89	GTG		1	9	Update of Section 9.2 in Volume I Consistent with Volume II	Agenda	Approved w Changes and Closed	D. Hall will present this agenda item.
24-90	GTG		1	9	Expansion of Thickness Range Without Derived Properties	Agenda	Not Covered	D. Hall will present this agenda item.
24-91	ETTG		2	6	Test Plan for AM ABD900 Ni-based superalloy	Handout	Continue	D. Hall and a representative from EPRI will provide a status update.
24-92	GTG		1	1, 9	Blanking Shear vs Punch Shear	Agenda	Approved w Changes and Closed	M. Snyder will present this agenda item.
24-93	GTG		1	multi	Updating Shear and Bearing Grain Directions to Test Orientations	Agenda	Not Covered	M. Snyder will present this agenda item.

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24-94	GCC		1, 2		Review Organization of Appendices	Consent Agenda	Approved and Closed	Please contact Battelle prior to the meeting if this item needs to be discussed. This item makes Appendix A-E in both Volumes identical (or reordered).
24-95	GTG		1, 2	9	Discuss NASGRO/MMPDS collaboration	Status	Continue	D. Hall will provide a status update.
25-01	GTG	ETTG	2	9	PCD Contents in V2 - Cleaning Machines	Agenda	Continue	D. Hall will lead discussion of this agenda item.
25-02	GTG	FatWG	1, 2	9	Required Issues to Resolve to Define Fatigue Allowable	Agenda	Continue	D. Hall and GSG representatives will lead discussion of this agenda item. This item will be discussed with 24-18.
25-03	ETTG		1		Metal Matrix Alloys in MMPDS	Agenda	Closed w no Action	D. Hall will lead discussion of this item.
25-04	FTG		1	8	Corrections to 8.1.1 Tables	Agenda	Approved w Changes and Closed	C. Reakes will present this agenda item.
25-05	MTG		1	2	AF1410 Condition	Agenda	Approved and Closed	C. Reakes will present this agenda item.
25-06	GCC		1	5	Editorial Corrections	Consent Agenda	Approved and Closed	Please contact Battelle prior to the meeting if this item needs to be discussed.
25-07	GCC		1	3	Stabilization of AMS 4373 for 2017 Aluminum Alloy	Consent Agenda	Approved and Closed	Please contact Battelle prior to the meeting if this item needs to be discussed.
25-08	MTG		1	2	Adding Slash Sheet Specs for PH13-8Mo	Agenda	Approved and Closed	C. Reakes will present this agenda item.
25-09	GTG		2	1	V2 Specimen Orientations for Fatigue Crack Growth	Agenda	Not Covered	C. Reakes will present this agenda item.



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25-10	ETTG		2	3	Test Plan for AA7050 RAM2 per AMS7070/7071	Status	Continue	D. Hall and a representative from Elementum3D will lead discussion of this item. This item is a duplicate of Item 24-88 Test Plan for Ti-6-4 per AMS7009. The title has been changed.
25-11	MTG		1	2,3,5	Updating MIL Specifications	Agenda	Continue	C. Reakes will present this agenda item.
25-12	GTG		1, 2		Section 9.5.9 Presentation of Static Properties	Agenda	60 Day Approval	D. Hall will present this agenda item. This item creates a new section, moving the table format from Section 9.8.3 into 9.5 Review appropriate location for 9.5.9 in V1.
25-13	GCC	ETTG	2		Update Notice for Volume II	Consent Agenda	Approved and Closed	Please contact Battelle prior to the meeting if this item needs to be discussed. This item will be briefly discussed during the ETTG. The item documents editorial changes made to the Notice that appears in MMPDS-2024, Volume II. The new Notice explains the need for data to be submitted per the approved framework and defines PIM as being described in Section 1.3.
25-14	FTG		1	8	Updating MIL Specifications in Chapter 8	Agenda	Approved w Changes and Closed	C. Reakes will present this item.
25-15	GCC		2	9	Addition of Text on Ungrouping to V2 9.2.4.2	Consent Agenda	Approved and Closed	Please contact Battelle prior to the meeting if this item needs to be discussed. This item adds the text to align with V1 on ungrouping data.
25-16	GTG		1,2	9	Fracture Toughness Data Requirements	Agenda	Continue	D. Hall will present this agenda item
25-17	GTG-F	FTG	1	9	Lot-Release Confirmation Process for Blind Fasteners	Status	Continue	C. Reakes will provide a status update.
25-18	GTG		2		Clarification of "Width" and "Thickness" in DED Preforms	Agenda	Continue	D. Hall will present this agenda item.

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Item No	Responsible Group		HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
25-19	GTG		1, 2	1, 9	Modulus of Rupture Curves in MMPDS	Status	Not Covered	D. Hall will lead discussion of item.
25-20	GTG		1, 2	9	ASTM E111 Best Practices	Agenda	Closed w no Action	D. Hall will present this agenda item.
25-21	GTG-F	FTG			Section 9.2.4.6.4 Yield Typical Corrections	Status	Not Covered	C. Reakes will provide a status update.
25-22	GTG	ETTG	2	9	Counting Powder Heats in a Continuous Feed Process	Handout	Closed w no Action	D. Hall will lead discussion of this item.
25-23	GCC				Consent Agenda for the 45th GCC	Consent Agenda	Approved and Closed	Please contact Battelle prior to the meeting if any of the listed item needs to be discussed.
25-24	GTG-F	FTG	1	9	Fastener Allowable Bearing Line Adjustment Procedure	Status	New	Item created at the 3/4/2025 FTG telecon to discuss adjusting the allowable curve to the bearing line and what to do regarding bearing strengths that change per thickness. C. Reakes will provide a status update.
25-25					Modification of Fastener Analysis Method to Use Absolute Error		New	
25-26					Structural Failure Load vs Ultimate Load for Fastener Analysis		New	
25-27					Update Subscript Notation Consistency in Section 9.7		New	
25-28					Moving Fastener Data Requirements and Examples to Section 9.7 or Ch. 8		New	
25-29					Examples of Specimen Location in Test Plan Layouts		New	
25-30					Legacy Alloy Review B-Basis Adjustment with A-Basis Adjustment		New	
25-31					OSAT Changes for V2 10.2		New	
25-32					Investigate Use of Total Strain at Failure in the V1 and V2		New	
25-33					Requirements to Include D-Basis without C-Basis for V2		New	

## 45th MMPDS Coordination Meeting Final Minutes

***SORTED BY ITEM NUMBER***

Item No	Responsible Group	HDBK Vol.	Chpt	Title	Type	Action	Meeting Description
25-34				Guidelines for a Secondary Supplier Upgrading Basis of V2 Tables		New	
25-35				Allowing B's without A's in V1		New	
25-36				Definition of Preform in V2		New	
25-37				Investigate Relationship of Unique Chemistry in Relation to Powder Heats		New	
25-38				MMPDS Definition of Metal Matrix Alloys		New	
25-39				Recommended Best Practice Test Conditions for E111		New	
25-40				V2 Combinability of Multiple Laser Systems		New	
25-41				Consider How to Incorporate Rod Test Orientations for Shear Orientations		New	
25-42				Update Section 1.4.6 for Shear Orientations for B831		New	
25-43				Rounding Method when the A-Basis Value Equals the B-Basis Value		New	
25-44	GTG	1, 2	9	Determination of B-Basis When A-Basis is Lower Than the T99	Status	Continue	D. Hall will lead discussion of this topic. This item was created a few days before the meeting based on discussions of an Agenda Item.
25-45				Corrections to Equation 9.7.1.4(b)		New	
25-46	GTG	1,2	9	Update Creep Data Requirements to Vary Stress		New	
25-47	MTG	1	3	Stabilization of AMS 5933 HSL 180		New	