



ADEST

ESA for Army Aerial Delivery Equipment

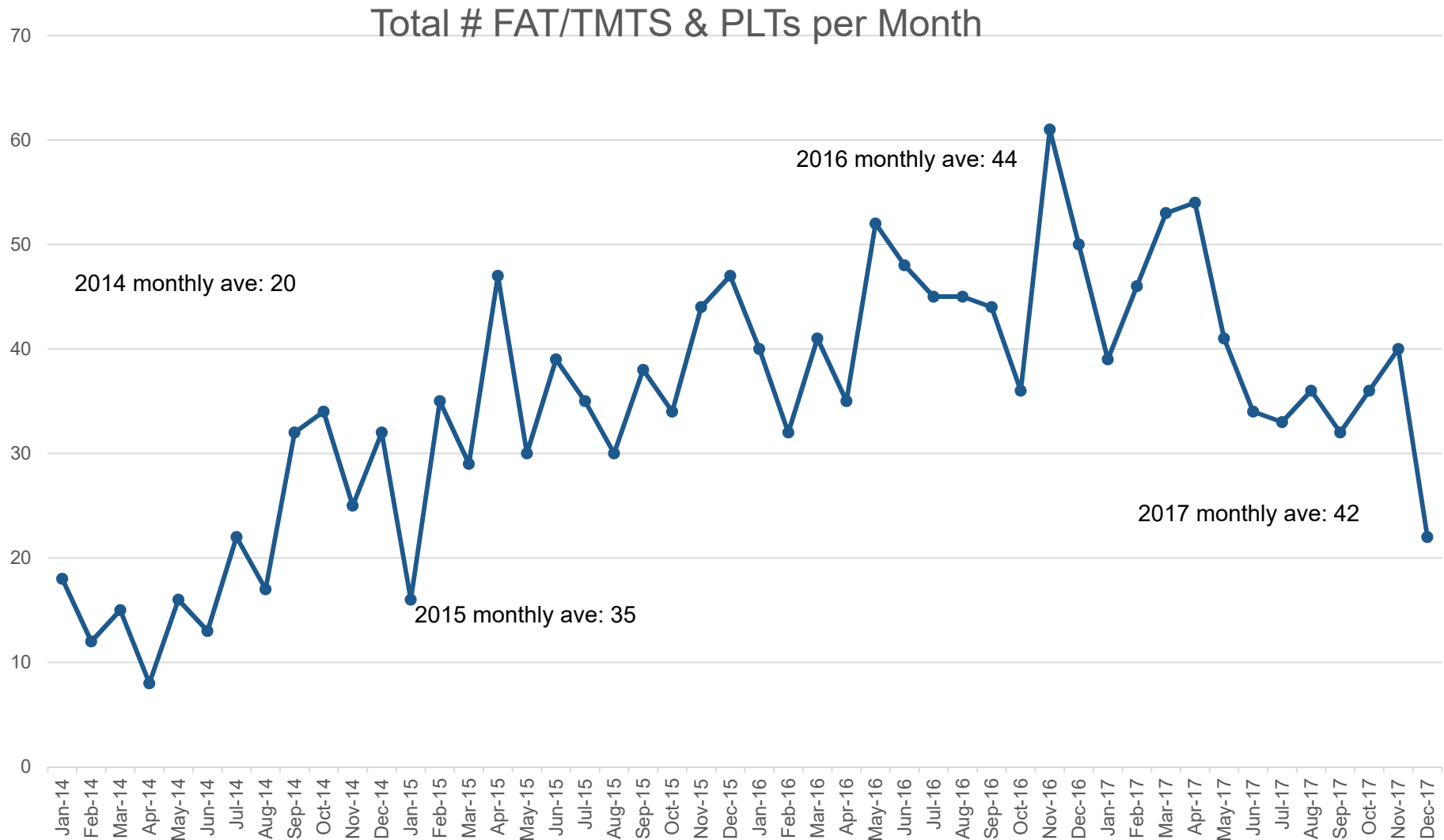
Jennifer Hunt
Parachute Industry Association
March 2018

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FAT/TMTS/PLT Inspections/ Month Jan 2014 – December 2017





FAT/TMTS and PLT



Inspections/year

	2014	2015	2016	2017
Total # reports: (FATs & TMTS / PLTs)	244 (110/134)	423 (150/273)	528 (238/291)	466 (187/279)
Ave # calendar days: FAT/TMTS	18	18	14	11
PLT	11	10	7	8
% met 30 day review:	100	100	100	99.5

FAT Waivers

	2015	2016	2017
Total # Requests	74	77	93
# approved	34	50	61
%	46	65	65
# days to review	1	1	1



Industry: FAT, TMTS, PLT Submissions

Jan 17- Dec 17



Total Reports	% disapproval (low end)	% disapproval (Ave)	% disapproval (high end)
FATs, TMTS	0	27	47
PLTs (include TMTS when FAT waived)	2	17	38

Cause of disapprovals (%)

	Construction (FAT &/or PLT)	TR&Cs	Materials
Contracts w/disapprovals July-Dec 2017 (34 contracts), %:	76	69	52

Impact:

- Delay: several months – over 1 yr.
- Added work
- Added cost



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Industry Requirements when submitting FAT/TMTS/PLTs*



TR&C	<ul style="list-style-type: none">• Actual test results required, even when FAT waived• DOM IAW MIL DTL 6645 as applicable• Berry Amendment compliance certification as applicable• Proper material test sampling based on lot size/spec requirements
Materials	<ul style="list-style-type: none">• Materials required, even when FAT waived• Materials/lot #s must match TR&Cs• Correct quantity• Label materials• Include all materials
FATs	<ul style="list-style-type: none">• Inspection sheets required
PLTs	<ul style="list-style-type: none">• Proper sampling IAW contract/QAP (ANSI /ASQ Z1.4), PLT is never 1 item
Misc	<ul style="list-style-type: none">• DD1222 form required w/ every submission & resubmission• Drawings, contract/mods, info necessary for ADEST review• If responding to disapproval, address all open items at once• Recommend SAE AS9102 as reference for submittal• Copy ADEST when submitting RFVs to DCMA• Build IAW specification conversion table and deviation packet• Ship packages to address/POC in contract, not "person in charge"

* Assume FAT/PLT built IAW TDP



DD 1222 form



REQUEST FOR AND RESULTS OF TESTS				PAGE NO.	NO. OF PAGES
SECTION A - REQUEST FOR TEST					
1. TO: (Include ZIP Code) US Army Natick Soldier Research Development and Engineering Center RDNS-SEA-ADE Aerial Delivery Engineering Support Team (ADEST) Attn: Jennifer Hunt 15 General Greene Ave Building 3 R213 Natick, MA 01760 DODAAC W56YHX			2. FROM: (Include ZIP Code)		
3. PRIME CONTRACTOR AND ADDRESS (Include ZIP Code) Include contract number, clin			4. MANUFACTURING PLANT NAME AND ADDRESS (Include ZIP Code)		
5. END ITEM AND/OR PROJECT Nomenclature, part number, NSN	6. SAMPLE NUMBER	7. LOT NO. (if a PLT) 1,...	8. REASON FOR SUBMITTAL FAT, TR&C, Materials, PLT and/or resubmittal as applicable	9. DATE SUBMITTED	
10. MATERIAL TO BE TESTED	10a. QUANTITY SUBMITTED FAT or PLT # submitted	11. QUANTITY REPRESENTED Lot size PLT represents	12. SPEC. & AMEND AND/OR DRAWING NO. & REV. FOR SAMPLE & DATE PN, Rev		
13. PURCHASED FROM OR SOURCE		14. SHIPMENT METHOD	15. DATE SAMPLED AND SUBMITTED BY DCMA signs		
16. REMARKS AND/OR SPECIAL INSTRUCTIONS AND/OR WAIVERS. DCMA and/or Prime comments If addresses above differ, identify where to return PLT items Identify Prime POC for ADEST technical inquiries					
17. SEND REPORT OF TEST TO Include: Prime and DCMA contact info					
SECTION B - RESULTS OF TEST (Continue on plain white paper if more space is required)					
1. DATE SAMPLE RECEIVED		2. DATE RESULTS REPORTED		3. LAB REPORT NUMBER	
4. TEST PERFORMED	RESULTS OF TEST	SAMPLE RESULT	REQUIREMENTS		
Section B for ESA					
DATE	TYPED NAME AND TITLE OF PERSON CONDUCTING TEST		SIGNATURE		

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Polyester Yarn



- The sole domestic supplier, Dura Fibers Technology (DFT), closed in August 2017
 - Foreign suppliers exist but procurement is restricted due to Berry Amendment
- Significant Equipment Impacted:
 - T-11 parachute suspension lines
 - FRIES ropes (unique fiber production)
 - Several cargo lashings/tie downs
- Working to develop 1-2 domestic suppliers to fill gap
 - Current nylon producers such as Premiere and PhP:



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ADEST POCs



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