



# **USN/USMC CAD/PAD Aircraft Mishap Investigations**

CAD/PAD Technical Exchange Workshop  
May 2016



# OVERVIEW

- Mishap Investigations Objectives
- USN/USMC FY15 & FY16 Mishap
- Summary
- Questions



# Mishap Investigation Objectives

- Mission:
  - Investigate, Identify and Correct CAD/PAD Deficiencies
  - On call 24/7, global travel at a moments notice
- OPNAVINST 3750 requires aircraft mishap investigations
  - Agreement between Naval Safety Center, PMA-202 and PMA-201 for investigations of all USN / USMC aircraft mishaps where egress systems are involved
- Purpose:
  - Assure product performance
  - Mitigate product deficiencies
  - Assure personnel safety
  - Recommend suspect products out of service (TDs or NARs)



# FY15 & FY16 USN/USMC MISHAPS

- **FY15 Mishaps**

- F/A-18D / Successful / No anomalies
- T-59 HAWK / Ground Egress (**Assisted the NTSB**)
- F/A-18F / Successful / No anomalies
- T-45C / Successful / No anomalies
- F/A-18C / Successful / No anomalies (**Maintainer injured**)
- T-6B / Successful / No anomalies
- F/A-18E / Successful / **Anomalies Found**

- **FY16 Mishaps**

- F/A-18C / **Fatal** / No Attempt was made to Eject
- F/A-18A / Successful / No anomalies
- AV-8B / Ground Egress / No anomalies



# USN/USMC EJECTIONS

Aircraft	Successful		Fatal	
	#	%	#	%
F/A-18	75	86.2	12	13.8
AV-8	30	93.8	2	6.3
EA-6B	15	83.3	3	16.7
T-45	20	90.9	2	9.1
T-38	2	100.0		
T-2	2	100.0		
T-6	2	100.0		
F-5	2	100.0		
F-35				
<b>Totals</b>	<b>148</b>	<b>88.6</b>	<b>19</b>	<b>11.4</b>

Data shows number of ejections from FY99 thru 2nd QTR FY16



# *Questions*

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# ***QUESTIONS/CONCERNS***