

4/27/2012

Aircraft Combat Survivability Short Course

May 2012

Naval Postgraduate School

Monterey, California

DRAFT Agenda



Tuesday, 15 May 2012

	Instructor	Time
Course Check-in – Continental Breakfast		0715 – 0800
Welcome to the Short Course	Prof. Christopher Adams (NPS)	0800 – 0815
Admin for the Short Course	Prof. Christopher Adams, Dr. Mark Couch (IDA)	0815 – 0825
Introduction to Aircraft Combat Survivability	Prof. Christopher Adams	0825 – 1000
Break		1000 – 1015
Probability & Survivability Assessment	Prof. Christopher Adams	1015 – 1030
Survivability Assessment: Mission and Campaign Analyses	Prof. Christopher Adams	1030 – 1105
Survivability Enhancements	Prof. Christopher Adams	1105 – 1200
Lunch in La Novia Room		1200 – 1310
Live Fire Test and Evaluation/Joint Live Fire	Mr. Richard Sayre (Director LFT&E)	1310 – 1410
JASPO Overview	Mr. Dennis Lindell (Director, JASP)	1410 – 1445
Break		1445 – 1500
Survivability Assessment Process & Methodology	Dr. Mark Couch	1500 – 1530
Personnel Casualties and Safety	Dr. Lowell Tonnessen (IDA)	1530 – 1620
Problem Session and Q&A	Prof. Christopher Adams	1620 – 1630

Wednesday, 16 May 2012

	Instructor	Time
Daily Check-in		0730 – 0800
Review Day One	Prof. Christopher Adams	0800 – 0805
JCAT SAF Threats & Analysis	Ms. Laurie Mitchell (JCAT)	0805 – 0845
JCAT / ASDAT Brief & Video	Mr. Greg Fuchs (ASDAT)	0845 – 0945
Break		0945 – 1000
Overview of Susceptibility, Aircraft Signatures	Lt Col Rich Huffman (AFIT)	1000 – 1040
Radar, Electronic Warfare, Threat Ops	Lt Col Rich Huffman (AFIT)	1040 – 1150
Lunch in La Novia Room		1150 – 1300
IR Fundamentals	Prof Knox Millsaps (NPS)	1300 – 1330
IR Signatures & Countermeasures	Lt Col Rich Huffman (AFIT)	1330 – 1430
Susceptibility Reduction Techniques/Technologies	Lt Col Rich Huffman (AFIT)	1430 – 1515
Break		1515 – 1530
F-117A Program Review	Mr. Alan Brown (F117A Chief Engineer)	1530 – 1630
Relocate to Dinner at Cannery Row		
Dinner <i>Taste of Monterey on Cannery Row</i>	Students, Instructors & Guests	1815 – 2100

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Thursday, 17 May 2012

	Instructor	Time
Daily Check-in		0730 – 0800
Review Day Two (Problem Session)	Prof. Christopher Adams	0800 – 0805
Current Threats Brief	Ms. Kris Dennis-Young (NAVAIR)	0805 – 0845
Historical Aircraft Combat Data	Dr. Mark Couch	0845 – 0945
Break		0945 – 1000
Threat Effects and Damage Processes	Dr. Mark Couch	1000 – 1045
Critical Components and Vulnerability Assessment (Part 1)	Prof. Christopher Adams	1045 – 1150
Lunch in La Novia Room		1150 – 1300
Critical Components and Vulnerability Assessment (Part 2)	Prof. Christopher Adams	1300 – 1340
Vulnerability Reduction Technology and BDAR	Dr. Mark Couch	1340 – 1430
Break		1430 – 1445
SURVIAC / Models and Simulations	Mr. Kevin Crosthwaite (SURVIAC)	1445 – 1520
Integrated Survivability Assessment	Dr. Mark Couch	1520 – 1600
JSF Full-up System Level (FUSL) testing	Chuck Frankenberger (NAVAIR)	1600 – 1630
Problem Session and Q&A	Prof. Christopher Adams	1630 – 1635

Friday, 18 May 2012

	Instructor	Time
Check-in		0730 – 0800
Review Day Three	Prof. Christopher Adams	0800 – 0810
UK Air Platform Protection Test & Evaluation Squadron	Acting Major Paul Crampton (UK)	0810 – 0905
Helicopter Specific Aspects of Survivability	Mr. Lou Roncase (China Lake)	0905 – 1000
Break		1000 – 1015
Fighter Specific Aspects of Survivability	Mr. William Dooley (NAVAIR JSF Sur IPT Lead)	1015 – 1115
Large Transport Specific Aspects of Survivability	Mr. David Legg (NAWC AD P-8A Team Lead)	1115 – 1215
Course Wrap Up	Prof. Christopher Adams and Dr. Mark Couch	1215 – 1230
Lunch		TBD