

2/27/2009

Aircraft Combat Survivability Short Course

April 2009

Naval Postgraduate School
Monterey, California



Tuesday, 28 April, 2009

	Instructor	Time
Course Check-in – Continental Breakfast		0715 – 0800
Welcome to Combat Survivability Short Course (JASPO Video)	Christopher Adams and Dr. Mark Couch	0800 – 0815
Personal Welcome	Dr. Robert Ball	0815 – 0830
Aircraft Survivability Course Keynote Address	RADM Robert Gormley, USN (Ret.)	0830 – 0900
Introduction to Aircraft Combat Survivability	Christopher Adams	0900 – 1000
Break		1000 – 1010
Probability & Survivability Methodology	Christopher Adams	1010 – 1035
One-on-One Engagement	Christopher Adams	1035 – 1105
Mission and Campaign Analyses	Christopher Adams	1105 – 1130
Survivability Enhancements	Christopher Adams	1130 – 1200
Lunch in La Novia Room		1200 – 1315
Survivability Assessment Process & Methodology	Dr. Mark Couch	1315 – 1400
Historical Aircraft Combat Data	Dr. Mark Couch	1400 – 1445
Break		1445 – 1500
Personnel Casualties	Dr. Lowell Tonnessen	1500 – 1545
JASPO Overview	Mr. Dennis Lindell (JASPO)	1545 – 1615
Problem Session #1	Christopher Adams and Dr. Mark Couch	1615 – 1625
Q&A	All Instructors for the Day	1625 – 1630

Wednesday, 29 April 2009

	Instructor	Time
Daily Check-in		0730 – 0800
Review Day One	Christopher Adams	0800 – 0810
Current Threats Brief (Classified SECRET)	Ms. Kris Dennie-Young	0810 – 0845
Threat Effects and Damage Processes	Dr. Mark Couch	0845 – 0930
Overview of Susceptibility/Aircraft Signatures	Maj. Rich Huffman (AFIT)	0930 – 1015
Break		1015 – 1025
Radar Fundamentals and Electronic Warfare	Maj. Rich Huffman (AFIT)	1025 – 1215
Lunch in La Novia Room		1215 – 1330
IR Fundamentals / Iraq IR countermeasures for Helos	Maj Bryan Forney (USNA)	1330 – 1515
Break		1515 – 1530
Susceptibility Reduction Technology & Problem Session #2	Dr. Mark Couch	1530 – 1610
F-117A Program Review	Alan Brown	1610 – 1645
Relocate to Dinner at Cannery Row		
Dinner <i>Taste of Monterey on Cannery Row</i>		1815 – 2100

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Thursday, 30 April 2009

	Instructor	Time
Daily Check-in		0730 – 0800
Review Day Two	Christopher Adams	0800 – 0815
Identification of Critical Components	Christopher Adams	0815 - 0900
Vulnerability Assessment	Christopher Adams	0900 – 0945
Break		0945 – 1000
Live Fire Test and Evaluation/Joint Live Fire	Mr. Tracy Sheppard	1000 – 1100
LFT&E, BDR, Safety, and Reliability	Dr. Mark Couch	1100 – 1140
Vulnerability Reduction Technology	Dr. Mark Couch	1140 – 1215
Lunch in La Novia Room		1215 – 1330
SURVIAC/Models and Simulations	Mr. Kevin Crosthwaite	1330 – 1415
JCAT/ASDAT Brief (Classified SECRET)	Mr. Greg Fuchs	1415 – 1500
Break		1500 – 1515
Group Projects	3 Groups Working on Aircraft Survivability Analysis (Required for CEU credits)	1515 – 1600
Problem Session #3	Christopher Adams and Dr. Mark Couch	1600 – 1610
Q&A	All Instructors for the Day	1610 – 1615

Friday, 1 May 2009

	Instructor	Time
Check-in		0730 – 0800
Review Day Three	Christopher Adams	0800 – 0815
Fighter Specific Aspects of Survivability	Mr. William Dooley	0815 – 0915
Large Transport Specific Aspects of Survivability	Mr. David Legg	0915 – 1015
Break		1015 – 1030
Helicopter Specific Aspects of Survivability	Mr. Ron Dexter or Program Office TBD	1030 – 1130
Group Project Presentations	Groups Working on Aircraft Survivability Analysis (Required for CEU credits)	1130 – 1200
Course Wrap Up	Christopher Adams and Dr. Mark Couch	1200 – 1230