

Bringing the Most Successful Joint Rotary Wing Event to the USA...

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The Mustin Beach
Officers Club,
Pensacola, Florida
August 24th-26th, 2015

NEXT GENERATION ROTARY WING REQUIREMENTS

Featured Speakers



KEYNOTE
MajGen (R) Gregg A. Sturdevant
Former Commander,
3D MAW (FWD)
USMC



NAVAIR Requirements
RDML CJ Jaynes
Program Executive Officer for
AIR ASW, Assault & Special
Mission Programs, PEO(A)
U.S. Navy



V-22/V-280
Col (R) Christopher Seymour
V-22 Program Manager
Bell Helicopter



FVL PROGRAM
Patrick Donnelly
FVL – Medium Program Director
Boeing

Top 10 Reasons This is a Must Attend Event

- ★ Delve into the current conditions of military helicopters across all branches
- ★ Get a deeper understanding of the Future Vertical Lift (FVL) program requirements
- ★ Hear first hand about current and future fleet upgrade and development requirements
- ★ Learn the challenges with Implementing Rotary Wing modernization efforts
- ★ Hear about the Future Coast Guard Rotary-wing Requirements.
- ★ Learn the Future Aviation Needs of the Army National Guard to Meet Stateside and Worldwide Mission Requirements
- ★ Hear about modifying fleet avionics, starting with the remaining UH-60's
- ★ Understand Army Aviation Rotary-Wing Needs for the Future.
- ★ Study the requirements for completion of the USMC MV-22 Osprey
- ★ Learn about future SOCOM aviation asset requirements

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The Mustin Beach
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"The mission of Army Aviation is to find, fix and destroy any enemy through fire and maneuver and to provide combat support and combat service support in coordinated operations as an integral member of the combined arms team fully integrated within joint operational framework."



The mission of the United States Air Force is to fly, fight and win ... in air, space and cyberspace.



"Sailors and Marines Armed with Confidence...Because we develop, deliver, and sustain aircraft, weapons, and systems – on time, on cost, with proven capability and reliability so they succeed in every mission Ready today...Preparing for Tomorrow and return safely home."

"Ready today...Preparing for Tomorrow..... Semper Paratus"

Dear Colleague:

Welcome to Institute for Defense & Government Advancement's (IDGA) Military Helicopters USA, which is the first Joint-Service Rotary Wing/Future Vertical Lift (FVL) Program-based event in the United States. Leveraging the many years of success with the International Military Helicopter event, which takes place annually in March, Military Helicopters USA is specifically tailored to support the FVL program and rotary wing modernization initiatives across all U.S. military service branches.

Many existing aircraft models have been in service since the Vietnam era, therefore upgrades and developments are required across the fleet in order to support military operations at home and abroad. Don't miss the opportunity to participate in this invaluable platform where industry leaders and military personnel, including highly respected experts, come together to discuss, share, learn and advance their knowledge of the U.S. military helicopter landscape in an effort to provide all service branches with more robust, safer and more cost effective fleets.

Topic areas covered during this event include:

- Identifying the joint service goals and requirements of the FVL Program.
- The USMC's perspective on the FVL Program requirements, as shaped by its extensive use of the MV-22 Osprey in both combat operations and training environments.
- SOCOM 2020: US Special Operations Command rotary-wing/FVL requirements.
- NAVAIR requirements: Meeting naval aviation rotary-wing needs.
- Meeting the U.S. Army's UH-60's avionics modification requirements.
- Homeland Defense: Future USCG rotary-wing requirements.

We have crafted an interesting and diverse agenda with an excellent lineup of speakers, so be sure to mark your calendars and plan on attending this outstanding new event.

Maj (R) Bryan Smylie
Chairman

Former Assistant Chief of Staff for Strategic Plans, Third Marine Aircraft Wing
United States Marine Corps

P.S. Don't miss our future requirements focus day to learn the evolving needs of developing joint programs

**Featuring the Author
of Dustoff 7-3.**



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The Mustin Beach
Officers Club, Pensacola, Florida
August 24th-26th, 2015

Confirmed Speakers at a Glance



**Major General (R)
Gregg A. Sturdevant**
Former Commanding
General, 3d Marine
Aircraft Wing (Forward)
United States Marine
Corps

Session: The USMC's perspective on the Future Vertical Lift (FVL) Program Requirements

Major General Sturdevant is originally from St. Louis, Missouri. He enlisted in the Marine Corps in 1975 and served in southern California and Okinawa, Japan before being honorably discharged as a Sergeant in July 1979. He then returned to school receiving a Bachelor of Science Degree in Business Administration from Southeast Missouri State University in July 1982 and was commissioned through the Platoon Leader Class (PLC) program. After serving more than 3 decades, his final operational assignment was as the Commanding General, 3d Marine Aircraft Wing (Forward) and Commanding General, Bastion/Leatherneck Complex from February 2012 through February 2013 in support of Operation Enduring Freedom 12 in Helmand Province, Afghanistan. His education includes a Master's Degree in Military Studies from the Marine Corps Command and Staff College (1997), completed the Air Force Air War College (Non-resident program) (2000), and graduated from the National War College with a Master's Degree in National Security Strategy (2004). Office is the single point of contact for all Air Force F-35A matters and is the Air Force's primary conduit of senior leader information flow to the Joint Program Office.



RDML CJ Jaynes
Program Executive
Officer for AIR ASW,
Assault & Special
Mission Programs,
PEO(A)
U.S. Navy

Session: NAVAIR Requirements: Meeting Naval Aviation Rotary-Wing Needs

Rear Admiral Cindy Jaynes is serving as program executive officer for Air Anti-Submarine Warfare, Assault and Special Mission Programs (PEO(A)). She has oversight responsibility for 10 program offices and seven ACAT I major acquisition programs. She was commissioned in March 1983 via the Officer Candidate School in Newport, Rhode Island, and was designated an aeronautical engineering (maintenance) duty officer in 1985. She was designated an Acquisition Professional Community member in 1996 and received a Master's in Business Administration from Norwich University in 2008. Jaynes also completed the Naval War College Command and Staff (non-resident) program in 1995, and earned a Systems Engineering Certification from California Institute of Technology Industrial Relations Center in 1999.



**Colonel (R)
Christopher C.
Seymour**
Bell V-22/V-280
Program Manager
Bell Helicopter,
Textron

Session: Worldwide MV-22 Osprey Operational Supply and Demand Strategies.

Colonel Christopher C. Seymour served in the USMC from June 1987 through August 2013. After The Basic School, he attended flight training in Naval Air Station (NAS) Pensacola, FL and NAS Corpus Christi, TX. After an increasingly demanding string of positions, Colonel Seymour assumed command of Marine Aircraft Group 26 (MAG-26) in May 2011, the first and only Marine Aircraft Group to consist entirely of Tiltrotor Aircraft. Colonel Seymour has over 5000 mishap free flight hours in 35 different type model aircraft. He was the first pilot to achieve 2000 mishap free flight hours in the V-22. He is a graduate of Amphibious Warfare School, Marine Aviation Weapons and Tactics Instructors' course, Naval Test Pilot School, Command and Staff College and the Air War College.



J. PATRICK DONNELLY
Director – Future
Vertical Lift Program
Boeing Phantom
Works

Session: Future Requirements of the FVL Program

J. Patrick Donnelly is the Boeing Program Director – Future Vertical Lift Rotorcraft Program. This is a new joint venture with Sikorsky Aircraft to capture the next generation medium lift US Army Rotorcraft Program. Previously, he was Program Director for US & FMS Chinook Programs, responsible for the execution of US Army CH-47F, Special Operations MH-47G and all Foreign Military Sales programs. He was responsible for the day-to-day execution for all development, manufacturing and delivery aspects of these aircraft. Prior to this position, Pat was the Director of Advanced Rotorcraft Systems for Boeing's Phantom Works. Pat holds a Bachelor's degree in Mechanical Engineering from Rensselaer Polytechnic Institute, a Master's degree in Mechanical Engineering from Cornell University and a Master's in Business Administration from Widener University.



Maj (R) Bryan Smylie
Chairperson
Former Assistant Chief
of Staff for Strategic
Plans, Third Marine
Aircraft Wing
United States Marine
Corps

Session: Opening and Closing Remarks During Each Day of the Conference

Major Bryan Smylie was born Garden City, Michigan in September of 1971 and grew up in Livonia, MI. He graduated from Western Michigan University in 1994, earning a Bachelor's of Science Degree in Industrial Design. After completing the Basic Officer Course (Charlie Company, 3-95), he reported to Flight School and was designated a Naval Aviator in October 1997. After a variety of leadership positions, In August 2004, then Capt Smylie joined Marine Helicopter Squadron One where he served as the CH-46E NATOPS Officer, Schedule Writer, White House Liaison Officer, and Presidential Helicopter Pilot. In October 2004, Capt Smylie was promoted to Major. His final assignment was in August 2011, when Maj Smylie joined the Third Marine Aircraft Wing staff (3D MAW), serving as the Deputy Assistant Chief of Staff for Strategic Plans and the Assistant Chief of Staff for Strategic Plans. This tour included a deployment as the 3D MAW (FWD) Future Plans Officer in support of Operation Enduring Freedom.

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Future Requirements Focus Day

August 24th, 2015

1300 **Registration**

1345 **Chairperson Welcome and Opening Remarks**

1400 **Future Requirements of the FVL Program**

- Challenges with Current Flight Systems that the FVL Program aims to Overcome
- Integrating New Technologies into the FVL Program as they Emerge
- Opportunities for Continued Industry Participation within the FVL Program.

1530 **Refreshment Break**

1545 **Next Generation Turbine Engines**

- Utilizing Emerging Turbine Engine Technologies to Improve Helicopter Performance
- Identifying Key Challenge Areas with Existing Systems
- Ascertaining the Benefits of Transitioning to a New Turbine Engine

1715 **Chairperson Closing Remarks**

1730 **End of Future Requirements Day**



MILITARY HELICOPTERS USA



Main Day One

August 25th, 2015

0800 **Registration and Coffee**

0845 **Chairperson's Welcome and Opening Remarks**

0900 **KEYNOTE: Future Vertical Lift Program and the Marine Corps**

- Overview of the Current Marine Corps Fleet
- Benefits and Implications of Incorporating the FVL Program
- Developing Next Generation Solutions to be Integrated into the FVL Program



MajGen (R) Gregg Sturdevant

Former Commanding General, 3rd Marine Air Wing
United States Marine Corps



0945 **NAVAIR Requirements: Meeting Naval Aviation Rotary Wing Needs**

- Overview of Program Office
- New Objectives and Upcoming Requirements
- Best Methods for Industry to Interact with Navy Program Offices



RDML CJ Jaynes

Program Executive Officer, AIR ASW, Assault & Special Mission Programs, PEO(A)
U.S. Navy

1030 **Morning Networking and Refreshment Break**

1115 **Mechanical and Software Upgrades for Helicopters**

- The Power to Protect and the Technology to Perform
- Leveraging the Correct Technology at the Correct Time to Maximize Success
- Key Upgrades for: Reliability, Performance, and Safety



Mr. Jeff Grey

US Army / Navy Business Segment
Honeywell's Defense & Space

1200 **Networking Luncheon**

1300 **U.S. Army's Requirements: Meeting Army Rotary-Wing Needs for the Future**

- Overview of the U.S. Army Military Rotary-Wing Fleet
 - Lessons Learned from the Last Decade of Theater Combat
 - Upcoming Requirements for Army Rotary-Wing Requirements
-

1330 **Insights from an Expert Pilot: Overview and Challenges of Utilizing the UH-60**

- Challenges with Operating a UH-60
- New Training and Teaching Methods for Upcoming Pilots
- Key Considerations for Pilots when Utilizing the UH-60 in Combat Scenarios



Brian Wilkins

UH-60 Standardization Instructor Pilot
National Guard

1415 **Afternoon Networking and Refreshment Break**

1500 **Overview of the Upcoming CH-53K Sea Stallion**

- Introduction to the CH-53K and Key Challenges Expected to Be Addressed by the Upcoming Models
- Utilizing the CH-53K for Full Scale Military Operations
- Incorporating Next Generation Technology into the Program to Help Protect our Warfighters



Col Henry Vanderborcht

H-53 Program Manager, Naval Air Systems Command
United States Marine Corps

1545 **Effectively Utilizing Rotary-Wing Aircraft in High Altitude Scenarios**

- Challenges faced by Helicopters in High Altitude Situations
- Integrating Lessons Learned in Past Conflicts into Current New Pilot Training Programs
- New Methods of Alleviating Common High Altitude Challenges



Randy Kirgiss

Standardization Instructor Pilot, High Altitude Army Aviation Training
U.S. Army

1630 **Closing Remarks**

1645 **End of Main Day One**

1700 **Cocktail Reception**

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Main Day Two

August 26th, 2015

0800 **Registration and Coffee**

0845 **Chairperson's Recap of Conference Day One**

0900 **Creating the Next Generation of FVL Helicopters**

- New Technologies Being Integrated in FVL Programs
- Overview of the Estimated FVL Timeline
- Benefits to Utilizing a Joint FVL Program



Mr. Patrick Donnelly
FVL – Medium Program Director
Boeing

0930 **Dustoff 7-3**

- Review of the Conflict that Necessitated the Assistance of Dustoff 7-3
- Hardest Challenge of Retrieving our Wounded
- Lessons Learned from the Conflict



CW3 Sabiston
Author, Dustoff 7-3,
U.S. Army

1015 **Morning Networking and Refreshment Break**

1100 **Worldwide MV-22 Osprey Operational Supply and Demand Strategies**

- Benefits the V-22 brings to the battlefield
- Recent Improvements to the V-22
- Incorporating Warfighter feedback into future variations of the V-22



Col (R) Chris Seymour
V-22 Program Manager
Bell Helicopter

1145 **AFSOC Requirements: Meeting AFSOC Rotary-Wing Needs for the Future**

- Interpreting the Unique Requirements SOF Personnel Require
- Incorporating New Technologies into SOF Specific Rotary-Wing Aircraft
- Determining how to Support SOF Personnel with the Best Rotary Equipment

1230 **Chairperson Closing Remarks**

1245 **Networking Luncheon**

1345 **End of Conference**



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Focus Day	\$695	\$695
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Location & Lodging Information



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