Naval Aviation is a warfighting force that is an integral part of the ability of the Navy, Marine Corps, and joint forces to deter or win regional conflicts and major power wars. Our aircraft carriers, amphibious assault ships, carrier air wings, aviation combat elements, and maritime patrol and reconnaissance forces maintain a combat-ready posture that is deployed forward as an instrument of our national power. We understand the importance of cooperative multinational relationships because no one nation has the resources required to guarantee the complete safety of the world’s oceans and the airspace above them. Although our foremost responsibility is the projection of sea-based combat power, we also embrace the responsibility to provide humanitarian assistance and disaster relief throughout the world.

Naval Aviation is a warfighting enterprise that will continue to develop, deliver, and sustain the aircraft, weapons, and systems our Sailors and Marines need to serve America in defense of freedom. We embrace the privilege of this awesome responsibility with pride, determination, and enthusiasm.
<table>
<thead>
<tr>
<th>Acronyms</th>
<th>Abbreviations</th>
</tr>
</thead>
<tbody>
<tr>
<td>AARGM</td>
<td>Advanced Anti-Radiation Guided Missile</td>
</tr>
<tr>
<td>ADF</td>
<td>Australian Defence Force</td>
</tr>
<tr>
<td>AMRAAM</td>
<td>Advanced Medium-Range Air-to-Air Missile</td>
</tr>
<tr>
<td>APKWS</td>
<td>Advanced Precision Kill Weapon System</td>
</tr>
<tr>
<td>AWAC</td>
<td>Airborne Warning and Control System</td>
</tr>
<tr>
<td>BAMS</td>
<td>Broad Area Maritime Surveillance</td>
</tr>
<tr>
<td>CL</td>
<td>Hull designation for U.S. Navy light cruiser</td>
</tr>
<tr>
<td>CNATRA</td>
<td>Chief of Naval Air Training</td>
</tr>
<tr>
<td>CV</td>
<td>Hull designation for U.S. Navy conventionally powered aircraft carrier</td>
</tr>
<tr>
<td>CVN</td>
<td>Hull designation for U.S. Navy nuclear-powered aircraft carrier</td>
</tr>
<tr>
<td>CV-SHARP</td>
<td>Carrier Aircraft Readiness Program</td>
</tr>
<tr>
<td>DAMTC</td>
<td>Direct Attack Moving Target Capability</td>
</tr>
<tr>
<td>DDG</td>
<td>Hull designation for U.S. Navy guided-missile destroyer</td>
</tr>
<tr>
<td>DMLGB</td>
<td>Dual Mode Laser-Guided Bomb</td>
</tr>
<tr>
<td>ER</td>
<td>Extended Range</td>
</tr>
<tr>
<td>EW</td>
<td>Electronic warfare</td>
</tr>
<tr>
<td>FFG</td>
<td>Hull designation for U.S. Navy guided-missile frigate</td>
</tr>
<tr>
<td>GHMD</td>
<td>Global Hawk Maritime Demonstration</td>
</tr>
<tr>
<td>GPS</td>
<td>Global Positioning System</td>
</tr>
<tr>
<td>HARM</td>
<td>High-Speed Anti-Radiation Missile</td>
</tr>
<tr>
<td>HM</td>
<td>Helicopter mine countermeasures squadron</td>
</tr>
<tr>
<td>HMLA</td>
<td>Marine light attack helicopter squadron</td>
</tr>
<tr>
<td>HMM</td>
<td>Marine medium helicopter squadron</td>
</tr>
<tr>
<td>HSC</td>
<td>Helicopter sea combat squadron</td>
</tr>
<tr>
<td>HSL</td>
<td>Helicopter anti-submarine squadron light</td>
</tr>
<tr>
<td>INS</td>
<td>Inertial navigation system</td>
</tr>
<tr>
<td>ISR&amp;T/IO</td>
<td>Intelligence, surveillance, reconnaissance, and targeting and information operations</td>
</tr>
<tr>
<td>JAGM</td>
<td>Joint Air-to-Ground Missile</td>
</tr>
<tr>
<td>JDAM</td>
<td>Joint Direct Attack Munitions</td>
</tr>
<tr>
<td>JMEWS</td>
<td>Joint Multiple Effects Warhead System</td>
</tr>
<tr>
<td>JSOW</td>
<td>Joint Standoff Weapon</td>
</tr>
<tr>
<td>LCDB</td>
<td>Low Collateral Damage Bomb</td>
</tr>
<tr>
<td>LCAC</td>
<td>Air-cushioned landing craft</td>
</tr>
<tr>
<td>LCU</td>
<td>Utility landing craft</td>
</tr>
<tr>
<td>LHA</td>
<td>Hull designation for U.S. Navy amphibious assault ship general purpose</td>
</tr>
<tr>
<td>LHD</td>
<td>Hull designation for U.S. Navy amphibious assault ship multipurpose</td>
</tr>
<tr>
<td>LOGIR</td>
<td>Low-Cost Guided Imaging Rocket</td>
</tr>
<tr>
<td>LPH</td>
<td>Hull designation for U.S. Navy amphibious assault ship helicopter</td>
</tr>
<tr>
<td>MACC</td>
<td>Marine Air Command and Control System</td>
</tr>
<tr>
<td>MAGTF</td>
<td>Marine air-ground task force</td>
</tr>
<tr>
<td>MALSP</td>
<td>Marine Aviation Logistics Support Program</td>
</tr>
<tr>
<td>MMT</td>
<td>Multimission Tomahawk</td>
</tr>
<tr>
<td>MV</td>
<td>Motor vessel</td>
</tr>
<tr>
<td>NAE</td>
<td>Naval Aviation Enterprise</td>
</tr>
<tr>
<td>NCIP</td>
<td>Naval Aviation Enterprise capabilities-based assessment integrated process</td>
</tr>
<tr>
<td>NCIJ</td>
<td>Next Generation Jammer</td>
</tr>
<tr>
<td>PSI</td>
<td>Pre-planned product improvement</td>
</tr>
<tr>
<td>POM</td>
<td>Program objective memorandum</td>
</tr>
<tr>
<td>QPT</td>
<td>Qualified proficient technician</td>
</tr>
<tr>
<td>S&amp;T</td>
<td>Science and technology</td>
</tr>
<tr>
<td>SDB</td>
<td>Small-Diameter Bomb</td>
</tr>
<tr>
<td>SEAL</td>
<td>Sea-air-land</td>
</tr>
<tr>
<td>SLAM-ER</td>
<td>Standoff Land Attack Missile – Expanded Response</td>
</tr>
<tr>
<td>T-HA</td>
<td>Hull designation for U.S. Navy hospital ship</td>
</tr>
<tr>
<td>UAS</td>
<td>Unmanned aircraft system</td>
</tr>
<tr>
<td>UCAS</td>
<td>Unmanned Combat Air System</td>
</tr>
<tr>
<td>UCAS-D</td>
<td>Unmanned Combat Air System – Demonstration</td>
</tr>
<tr>
<td>VAQ</td>
<td>Electronic attack squadron</td>
</tr>
<tr>
<td>VFA</td>
<td>Strike-fighter squadron</td>
</tr>
<tr>
<td>VMM</td>
<td>Marine medium tilt-rotor squadron</td>
</tr>
<tr>
<td>VP</td>
<td>Patrol squadron</td>
</tr>
<tr>
<td>VTOL</td>
<td>Vertical takeoff and landing</td>
</tr>
<tr>
<td>V/STOL</td>
<td>Vertical/short takeoff and landing</td>
</tr>
</tbody>
</table>
ACKNOWLEDGEMENTS

Many thanks to all those throughout the Naval Aviation Enterprise who contributed to the success of this document. Special thanks go out to:

Andrew Bahjat
CAPT Charles Baker, USN
Bill Booth
CAPT John Breast, USN
Maj Kenneth Briggs, USMC
CAPT James Brown, USN
CDR Mark Brumington, USN
CDR Bill Buckner, USN
LtCol Harold Burke, USMC
CDR Michael Burns, USN
CAPT Larry Burt, USN
CDR Michael Carlesley, USN
CAPT Brian Corey, USN
CDR Andrew Covert, USN
CAPT Mark Darrah, USN
CAPT David Davison, USN
CAPT Martin Deppe, USN
Clarence Dickason
Normand Dillon
CAPT Bob Dishman, USN
CAPT Michael Donnelly, USN
Jim Dorsett
CAPT Tim Dunigan, USN
CAPT Dave Fisher, USN
LCDR Chris Flaherty, USN
LCDR Brandon Floyd, USN
LCDR Scott Fuller, USN
CAPT Shane Gahagan, USN
Bob Glomb
CAPT Mike Gnozic, USN
LtCol Mike Gogolin, USMC
CDR John Gorman, USN
Robert Gross
CAPT Andrew Hartigan, USN
Col Harry Hewson, USMC
CAPT Peter Hunt, USN
Steve Jacobsmeyer
Bryan Jagoe
CAPT (Sel.) Sara Joyner, USN
CAPT Steve Kochman, USN
Suresh Kori
Maj Gordon Limb, USMC
Cheryl Limrick
AI Linberger
Kelly Mann
John Mares
CDR Richard McCormack, USN
Traci McCormick
CDR Mario Mifsud, USN
Jack Millham
Garth Miller
CAPT Mike Moran, USN
LtCol Chris Moore, USMC
Rob Moore
Nicole Morgan-Clark
Col Jeffrey Mosher, USMC
LCDR Chip Murr, USN
Col Richard Muldoon, USMC
Col Matt Mulfilm, USMC
Jon Paulikonis
LtCol Scott Payne, USMC
CAPT Jeff Penfield, USN
CAPT Dean Peters, USN
CAPT Robert Roof, USN
CAPT John Springett, USN
CAPT John Stamos, USN
CDR Mark Stevens, USN
Lawrence Sweet
Emme Terrill
CAPT Clay Tettelbach, USN
Steve Underditter
CDR Ronald VanCourt, USN
CDR Dan Walford, USN
CAPT James Wallace, USN
CDR Rick Williams, USN
LCDR Scott Wilson, USN
CAPT Matt Winter, USN
CAPT Richard Wood, USN

Special thanks to the members of the strategic planning and communications team from Omnitec Solutions, Inc. for their expertise in writing, editing, and designing this document.

Naval Aviation Vision • January 2010

Project Director
Gary E. Shrout
Naval Aviation Enterprise Strategic Communication Coordinator

Project Manager
Suzy Lang

Managing Editor
Colin E. Babb

Art Director
Ken Collins

Design and Layout
Dave Bradford

Research and Editing Team
Christine Lawson
John Pierce
Joan Holland

Project Leads
CAPT Mike Warriner, USN
Commander, Naval Air Forces
Executive Assistant for the Naval Aviation Enterprise

Col. Steve Franklin, USMC, and Brett Matthews
Headquarters, USMC
Aviation Logistics Branch

Rick Meana
Air Warfare Plans and Analysis (OPNAV N88)

Rebecca Ahne
Naval Air Systems Command, Science and Technology

Russell Scott
NAE Current Readiness Cross Functional Team

William Stranges
NAE Future Readiness Cross Functional Team

David Walton
NAE Total Force Cross Functional Team

Support Team
A52 Noe Hernandez, USN
Mark Huckabone
CAPT John Lathroum, USN
Arlene Guy

Todd Standard
Margaret Sumner
Malcolm Taylor

AS2 Noe Hernandez, USN
CAPT John Lathroum, USN
Arlene Guy

Special Acknowledgments
Cover Art
Steve Tack

Historical Images
CAPT Richard Dann, USN
Centennial of Naval Aviation Chief of Staff

Acknowledgements

Many thanks to all those throughout the Naval Aviation Enterprise who contributed to the success of this document. Special thanks go out to:

Andrew Bahjat
CAPT Charles Baker, USN
Bill Booth
CAPT John Breast, USN
Maj Kenneth Briggs, USMC
CAPT James Brown, USN
CDR Mark Brumington, USN
CDR Bill Buckner, USN
LtCol Harold Burke, USMC
CDR Michael Burns, USN
CAPT Larry Burt, USN
CDR Michael Carlesley, USN
CAPT Brian Corey, USN
CDR Andrew Covert, USN
CAPT Mark Darrah, USN
CAPT David Davison, USN
CAPT Martin Deppe, USN
Clarence Dickason
Normand Dillon
CAPT Bob Dishman, USN
CAPT Michael Donnelly, USN
Jim Dorsett
CAPT Tim Dunigan, USN
CAPT Dave Fisher, USN
LCDR Chris Flaherty, USN
LCDR Brandon Floyd, USN
LCDR Scott Fuller, USN
CAPT Shane Gahagan, USN
Bob Glomb
CAPT Mike Gnozic, USN
LtCol Mike Gogolin, USMC
CDR John Gorman, USN
Robert Gross
CAPT Andrew Hartigan, USN
Col Harry Hewson, USMC
CAPT Peter Hunt, USN
Steve Jacobsmeyer
Bryan Jagoe
CAPT (Sel.) Sara Joyner, USN
CAPT Steve Kochman, USN
Suresh Kori
Maj Gordon Limb, USMC
Cheryl Limrick
AI Linberger
Kelly Mann
John Mares
CDR Richard McCormack, USN
Traci McCormick
CDR Mario Mifsud, USN
Jack Millham
Garth Miller
CAPT Mike Moran, USN
LtCol Chris Moore, USMC
Rob Moore
Nicole Morgan-Clark
Col Jeffrey Mosher, USMC
LCDR Chip Murr, USN
Col Richard Muldoon, USMC
Col Matt Mulfilm, USMC
Jon Paulikonis
LtCol Scott Payne, USMC
CAPT Jeff Penfield, USN
CAPT Dean Peters, USN
CAPT Robert Roof, USN
CAPT John Springett, USN
CAPT John Stamos, USN
CDR Mark Stevens, USN
Lawrence Sweet
Emme Terrill
CAPT Clay Tettelbach, USN
Steve Underditter
CDR Ronald VanCourt, USN
CDR Dan Walford, USN
CAPT James Wallace, USN
CDR Rick Williams, USN
LCDR Scott Wilson, USN
CAPT Matt Winter, USN
CAPT Richard Wood, USN

Special thanks to the members of the strategic planning and communications team from Omnitec Solutions, Inc. for their expertise in writing, editing, and designing this document.