

**Seymour Johnson AFB and Dare County Range JLUS
Public Workshop #2 Public Input Results
May 17-19, 2016**

Compatibility Factor / Issue		Goldsboro				Washington				Manteo			
		High	Medium	Low	Awareness	High	Medium	Low	Awareness	High	Medium	Low	Awareness
Biological Resources (BIO)													
BIO-1	Protected, Threatened or Endangered Species near the Dare County Range and the National Alligator Wildlife Refuge Concern for the protection of the red-cockaded woodpecker (endangered), American alligator, black bear and red wolves proximate to the Dare County Range from potential impacts of overflight.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
BIO-2	Waterfowl Management in Areas Surrounding Dare County Range Waterfowl could be impacted by military overflight particularly during breeding and migration seasons, working against investments that have been made to protect these species. Need to protect local and migratory waterfowl in areas surrounding the Dare County Range.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
Climate Adaptation (CA)													
CA-1 Long-Term Sea Level Rise Impact at Dare County Range Potential for sea level rise to affect long-term operational capability at Dare County Range.		n/a	n/a	n/a	n/a	0%	0%	100%	0%	100%	0%	0%	0%
Communication / Coordination (COM)													
COM-1	Communication with Northeast North Carolina Counties Seymour Johnson AFB / Dare County Range community relations outreach does not extend to northeast North Carolina counties, cities and towns which affects regional support for the military. Communities in northeast North Carolina have limited understanding of the differing branches of the Armed Forces that impact them and a lack of knowledge about the Dare County Range location, use, and association with Seymour Johnson AFB.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
COM-2	Engagement with Northeast North Carolina Counties Need for Seymour Johnson AFB / Dare County Range engagement with northeast North Carolina counties, cities and towns to improve perception that the military acknowledges the impacts experienced in these areas from overflight and to build regional support for Seymour Johnson AFB / Dare County Range.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
COM-3	Coordination with Northeast North Carolina Counties Lack of coordination between Seymour Johnson AFB / Dare County Range and northeast North Carolina counties, cities and towns on planning and land use issues leading to lack of information sharing and coordinated evaluation of reciprocal development impacts.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
COM-4	Communication / Coordination between Wayne County, City of Goldsboro and Seymour Johnson AFB regarding Development Review While Seymour Johnson AFB and jurisdictions may engage in informal verbal and electronic communications, there is no formalized reciprocal coordination between Seymour Johnson AFB and the City of Goldsboro and Wayne County for review of development plans that delineates points of contact, types of projects, review timeframes, roles and responsibilities, or acknowledgement of Session Law 2014-79.	0%	25%	75%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
COM-5	Communication / Coordination between Northeast North Carolina Counties and Seymour Johnson AFB Development Review There is no formalized reciprocal consultation between Seymour Johnson AFB / Dare County Range and northeast North Carolina counties, cities, and towns for review of development plans.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
COM-6	Mutual Aid for Fire Management / EMS between Dare County Range and Surrounding Counties Need for formal Memorandum of Understanding to provide mutual aid for Fire Management / Emergency Medical Services with Dare County Range due to the remoteness of the Range location and rural nature of surrounding counties.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
COM-7	Awareness of Communication Procedures for Contacting Seymour Johnson / Dare County Range Regarding Complaints and / or Concerns Local jurisdictions and the public do not know who to contact at Seymour Johnson AFB / Dare County Range regarding concerns, complaints or coordination.	0%	0%	66%	33%	100%	0%	0%	0%	100%	0%	0%	0%
COM-8	Coordination with the Military on Cell Tower Siting Although some counties currently request FAA Obstruction Evaluations for proposed cell towers, the military is only formally notified if a proposed tower is within five miles of an installation.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
COM-9	Coordination of Flight Activities between Seymour Johnson AFB / Dare County Range and Other Military and Government Agencies over Albemarle Sound Need for coordination of flight activities between Seymour Johnson AFB / Dare County Range and other military and government agencies over Albemarle Sound.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
COM-10	Lack of Information to Public on Water Ranges Because of competition for use of the water among recreational boaters and fishermen, sea spaces need to be cleared where restricted areas, military operating areas, and military training routes begin at the surface when active training and operations are occurring throughout the Study Area.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
Dust / Smoke / Steam													
DSS-1	Prescribed Burns from Agricultural Farming Some farmers in Hyde and Tyrrell Counties use fire to clear wheat straw prior to replanting. Prescribed burns can impact flight training activities and safe travel on local roads.	n/a	n/a	n/a	n/a	50%	50%	0%	0%	0%	0%	0%	100%
DSS-2	Wildfire Impacts on Dare County Range Operations Wildfires have the potential to impact flight patterns and interrupt training activities at the Dare County Range.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
Energy Development (ED)													
ED-1	Potential Wind Farm Impacts on Seymour Johnson AFB and Dare County Range Training Operations Need for formal and coordinated site selection process for potential wind energy development projects since they can interfere with military operations, instrumentation viewsheds, and radar readings.	75%	25%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%
Housing Availability (HA)													
HA-1	Lack of Local Short-Term Accommodation for Training Reservists The lack of sufficient quantities of short-term lodging has resulted in military reservists commuting to Seymour Johnson from as far away as Raleigh, which can require a minimum commute time of over an hour each way.	0%	100%	0%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
HA-2	Lack of Various Housing Opportunity Off-Base Local jurisdictions' growth policies do not address military workforce housing needs.	0%	67%	33%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Land / Air / Sea Spaces (LAS)													
LAS-1	Potential for Increased use of Military Training Routes Concern that increased use of Military Training Routes could exacerbate impacts on areas of overflight in northeast North Carolina.	50%	0%	50%	0%	100%	0%	0%	0%	0%	100%	0%	0%
LAS-2	Potential for Increased use of Dare County Range Concern that increased use and evolving and new missions at Dare County Range could introduce additional impacts on areas of overflight in northeast North Carolina.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	0%	100%	0%	0%
LAS-3	Potential Loss of Diversity Regarding Low-Level Flight Routes Concern that losses from any reduced capacity or changes in low-level flight routes could impact flight training capability for Seymour Johnson AFB and training mission at Dare County Range.	100%	0%	0%	0%	83%	17%	0%	0%	100%	0%	0%	0%
LAS-4	Potential for Introduction of the F-35 Aircraft into the North Carolina Airspace Concern that introduction of F-35 Joint Strike Fighter to training in northeast North Carolina will introduce additional impacts to areas of overflight.	0%	50%	0%	50%	100%	0%	0%	0%	100%	0%	0%	0%
LAS-5	Restricted General Aviation Use of Northeast North Carolina Airspace due to Restricted Areas, Military Operating Areas and Military Training Routes Growth at general aviation airports can be hampered by the complexity of military related Restricted Areas, Military Operating Areas, and Military Training Routes that reduce available airspace and access to local airports.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	0%	0%	100%	0%
LAS-6	Aerial Crop Spraying Proximate to Dare County Range Low-level flight used for the aerial application of crop spraying in areas near the Dare County Range has the potential to impact military flight training.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	0%	0%	0%	100%
Land Use (LU)													
LU-1	Existing Incompatible Land Uses Surrounding Seymour Johnson AFB Existing uses in safety and noise zones surrounding Seymour Johnson AFB are incompatible with the residential density and non-residential intensity (floor area ratio) land use compatibility recommendations in the 2011 AICUZ Study and Air Force Instruction 32-7063.	50%	50%	0%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LU-2	Compatible Land Use in Comprehensive Plans and Zoning Need for City of Goldsboro and Wayne County to update Comprehensive Plans and planning documents including zoning to reflect compatible land use recommendations including non-residential intensity (floor area ratio) in the 2011 AICUZ Study and Air Force Instruction 32-7063.	50%	0%	50%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LU-3	Need for Enhanced Transparency on Future Land Use and Zoning Maps The City of Goldsboro future land use and zoning maps do not denote the Seymour Johnson AFB airfield safety zones or imaginary surfaces per the 2011 AICUZ Study. The Wayne County future land use and zoning maps do not denote the Seymour Johnson AFB airfield safety zones and noise zones.	67%	0%	0%	33%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LU-4	Need for Enhanced Zoning Regulations specific to Seymour Johnson AFB Airfield Imaginary Surfaces Height restrictions for areas surrounding Seymour Johnson AFB are incorporated in City of Goldsboro zoning regulations by reference but there is no explanation of the imaginary surfaces, heights associated with each, or how they are applied. Though the Wayne County Zoning Regulations include imaginary surfaces, there is a reliance on FAA Obstruction Evaluations for determining compliance with height requirements which only address structures greater than 199 feet. This may be insufficient for areas in close proximity to Seymour Johnson AFB.	33%	0%	67%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LU-5	Height Restrictions Impact Economic Development Opportunities Economic development opportunities including ecotourism and wind energy development in areas of overflight are challenged due to noise and vibration impacts from low-level military flight.	n/a	n/a	n/a	n/a	83%	17%	0%	0%	100%	0%	0%	0%
Legislative Initiatives (LEG)													
LEG-1	Coordinating Wind Farm Development with Military Need to enhance coordination of wind farm development with Seymour Johnson AFB / Dare County Range.	n/a	n/a	n/a	n/a	83%	0%	17%	0%	100%	0%	0%	0%
LEG-2	State Engagement on Funding Partnering Need for enhanced engagement with congressional stakeholders to preserve partnerships, promote cooperation, and secure funding for the acquisition of land for conservation buffers surrounding Seymour Johnson AFB.	100%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Light and Glare													
LG-1	Light and Glare within Approach and Departure Surfaces Certain uses and developments can generate daytime glare and nighttime lighting conditions which can affect pilot visibility in approach and departure corridors extending from the ends of runways.	0%	0%	0%	100%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LG-2	Potential Solar Farm Impacts on Seymour Johnson AFB Training Operations The use of solar panels can adversely affect military flight training if not properly sited.	0%	33%	67%	0%	75%	13%	0%	13%	0%	0%	100%	0%

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Noise (NOI)													
NOI-1	Noise from Overflight in Military Training Route Corridors Low-level flight along Military Training Route corridors generates noise that can affect noise sensitive land uses under areas of overflight.	0%	50%	50%	0%	100%	0%	0%	0%	0%	100%	0%	0%
NOI-2	Incompatible Development in Seymour Johnson AFB Noise Contours Noise from activities at Seymour Johnson AFB has the potential to affect noise sensitive land uses in surrounding communities. Greater intensities in development within Seymour Johnson AFB noise contours have the potential to affect mission-critical training.	0%	50%	50%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
NOI-3	Noise from Overflight Affects Bird and Waterfowl Population Roosting and Nesting Concern that noise from low-level overflight on flight paths to / and from Dare County Range affects local bird and waterfowl population roosting and nesting along coastal areas and at the Mattamuskeet National Wildlife Refuge.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	0%	0%	0%	100%
NOI-4	Noise During Week of Statewide Spring Testing in Schools Concern that noise from low-level overflight has a detrimental impact on statewide Spring student testing in schools.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	0%	0%	0%	100%
NOI-5	Compliance with Minimum Floor Altitudes in Military Airspace Concern that aircraft fly below minimum flight altitudes in Restricted Areas, Military Operating Areas, and Military Training Routes which intensifies noise in communities of overflight.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	0%	100%	0%	0%
NOI-6	Noise Impact on Tourism Development Concern regarding noise impacts from low-level overflight on outdoor tourism development in northeast North Carolina communities.	n/a	n/a	n/a	n/a	86%	14%	0%	0%	0%	100%	0%	0%
Roadway Capacity (RC)													
RC-1	Insufficient Queuing Area at Main Gate on Berkeley Blvd. Access to Seymour Johnson AFB during peak periods and reservist weekends causes traffic stacking on public roads. The primary gate located off South Berkeley Blvd. is the most widely used access point but has limited room for vehicle stacking. This lack of space can cause traffic to back up on South Berkeley Blvd. creating a safety hazard.	0%	75%	25%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Safety Zones (SA)													
SA-1	Bird Hazard from Lagoons at end of Seymour Johnson AFB Runway 26 Lagoons for Goldsboro Waste Water Treatment Plant at end of Seymour Johnson AFB Runway 26 are bird attractants. Bird activity in close proximity to the runway is an aviation safety hazard and increases the potential for bird aircraft strikes.	33%	67%	0%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SA-2	Coordination for Bird / Wildlife Aircraft Strike Hazard Mitigation Efforts Need for coordinated multi-jurisdictional effort to address threats from bird / wildlife aircraft strikes surrounding Seymour Johnson AFB.	33%	67%	0%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SA-3	Incompatible Development in Seymour Johnson AFB Accident Potential Zones Incompatible uses in the Accident Potential Zones in City of Goldsboro and Wayne County are a safety concern.	100%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SA-4	BASH Concerns over Pungo Unit of Pocosin Lakes National Wildlife Refuge Pungo Lake receives 80 percent of the eastern population of Tundra Swans during the winter transcontinental migration from Alaska with a total wintering bird population of over 100,000. Bird activity in close proximity to low-level flight routes is an aviation safety hazard and increases the potential for bird aircraft strikes during winter months.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	0%	0%	100%	0%
Vertical Obstruction (VO)													
VO-1	Incompatible Development Located in the Imaginary Surfaces at Seymour Johnson AFB Natural and manmade structures pose a potential safety concern for flight operations within Department of Defense established imaginary surfaces associated with Seymour Johnson AFB Runway 8/26.	0%	100%	0%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
VO-2	Height Regulations Surrounding Seymour Johnson AFB Need to enhance the City of Goldsboro and Wayne County regulations for heights of structures in imaginary surfaces. Regulations only reference the AICUZ Study or FAA Part 77, but lack clarity on how these provisions are applied.	0%	25%	75%	0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
VO-3	High-Tech Agricultural Equipment Many farms are moving towards technologically advanced equipment to improve efficiency of farming which includes the use of aerial applicators (manned aircraft and drones) that could potentially extend into airspace of low-level Military Training Routes.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%
VO-4	Future Cell Towers Additional cell towers are needed to provide coverage in northeast North Carolina jurisdictions which could conflict with military training operational areas.	n/a	n/a	n/a	n/a	100%	0%	0%	0%	100%	0%	0%	0%