

Tyrrell County & Town of Columbia Joint CAMA Land Use Plan

Section I. Introduction

A. Key Issues/Dominant Growth-Related Issues

(add following text to page 10 at end of Section A)

An additional planning concern was identified in 2017 as an outcome of the Seymour Johnson Air Force Base (AFB) and Dare County Range (DCR) Joint Land Use Study (JLUS). The JLUS identified the compatibility of military aircraft overflights of Tyrrell County and future development relative to building heights as an important consideration for future land use planning. This topic is included in the appropriate sections of this plan.

Section VI. Plans for the Future

D. Land Use Management Topics

(Add the following text to page 125 at the end of 8. Local Areas of Concern section)

9. Military Compatibility

In 2017, the Seymour Johnson AFB and the DCR JLUS was adopted in an effort to guide planning and development in the areas surrounding the Seymour Johnson AFB and the DCR, and to help mitigate any existing land use compatibility issues related to military operations. Three public workshops were held in conjunction with development of the JLUS to identify compatibility issues associated with the installations and develop strategies designed to address identified issues. A primary compatibility issue identified as a result of these public workshops was establishing a maximum buildable height based on the military flight altitude necessary for safe military aircraft operations at Seymour Johnson AFB and the DCR.

Areas of Tyrrell County are overflown by military aircraft operating from Seymour Johnson AFB, the DCR and other military installations in the region. There are several military training routes (MTRs) in the airspace above Tyrrell County that allow aircraft to fly at low levels and high speed required for combat training. The MTRs over Tyrrell County include routes that allow aircraft to operate at less than 249 feet above ground level (AGL) and one route that allows operations between 500 and 999 feet AGL. In several instances, the MTRs over Tyrrell County allow aircraft to operate as low as 100 feet AGL. There are also several restricted areas (RAs) in the airspace above Tyrrell County that allow aircraft to conduct hazardous flight activity and aircraft testing including high speed maneuvering, abrupt altitude changes, and other dynamic, non-standard aircraft activity. The RAs over Tyrrell County include areas that allow aircraft to operate at altitudes 500 feet and higher AGL. The MTRs and RAs located in the airspace above Tyrrell County are illustrated on the Tyrrell County Future Land Use Map.

Vertical obstructions that encroach into the MTRs and RAs over Tyrrell County pose a significant hazard to aircraft operations in the surrounding airspace. Vertical obstructions are created by buildings, structures, towers, trees or other features that

may encroach into the navigable airspace where the MTRs and RAs are located. These obstructions can be a safety hazard to both the public and military personnel and potentially impact military readiness.

The military compatibility policy addresses the needs and concerns related to military aircraft operating in the airspace over Tyrrell County and impacts from development that creates vertical obstructions.

a. Management Goal

Tyrrell County will strive to integrate military compatibility with future development and address the needs and concerns related to military aircraft operating in the airspace over Tyrrell County and impacts from development that creates vertical obstructions.

b. Planning Objective

Tyrrell County will adopt policies which balance growth demands with the requirements of the military use of the airspace above the land areas within county boundaries.

c. Land Use Plan Requirements

The following are Tyrrell County's policies/implementing actions for military compatibility.

Policies – Military Compatibility:

P.101 Tyrrell County will address requirements to establish maximum buildable heights in areas where safety of military aircraft operating from Seymour Johnson AFB and the DCR is a concern.

Implementing Actions – Military Compatibility:

- I.83 Amend procedures and regulations to require a determination Finding of No Significant Impact from the Federal Aviation Administration to be submitted with the development application for all structures greater than 199 ft. tall.
- I.84 Amend procedures and regulations to establish a maximum buildable height based on military flight altitude necessary for safe military flight operations.
- I.85 Amend procedures and regulations to incorporate a Military Compatibility Overlay District (MCAOD) containing Military Compatibility Areas (MCA's) that address the maximum buildable height based on military flight altitude necessary for safe military flight operations.

Section VII Tools for Managing Development

D. Action Plan/Schedule

Add Military Compatibility policy and implementing actions, identified above, to table on pages 146-147. Add the following to end of table on page 147 after P.96-P.99:

P.101	Tyrrell County will address requirements to establish maximum buildable heights in areas where safety of military aircraft operating from Seymour Johnson AFB and the DCR is a concern.	FY2022	FY2023
-------	---	--------	--------

E. Resource Conservation Management Action Plan/Positive and Negative Impacts of land Use Policies

Add Military Compatibility policy and implementing actions, identified above, to Table 52 on pages 149-155. Add following to end of Table 52 on page 155 after P.99:

Military Compatibility Policy P.101	N	B	N	N	N	B
-------------------------------------	---	---	---	---	---	---

Appendices

Appendix II

The Tyrrell County Future Land Use Map identified on page 131 and included as Map 17A needs to be updated with applicable MCAOD/MCA/MAA outer boundary parameters related to vertical obstructions.