Fact Sheet on Proposal for Outlying Landing Field (OLF):

Land Requirements for an OLF

North Carolina OLF Study Group • Elizabeth City, NC • October 23, 2007

Land requirements for the OLF are estimated to be approximately 25,000 - 30,000 acres. Approximately 2,000 acres would be used for the core area, which would include an 8,000-foot-long runway, an air traffic control tower, other support buildings, and land managed for flight safety. Beyond the airfield, the remaining acreage would be used as a buffer area to lessen the impacts of aircraft operations on the public and to ensure that current and future land uses are compatible with airfield operations.

To acquire the necessary property interests, the Navy will use a combination of direct fee-simple purchase where necessary and the purchase of restrictive-use easements when possible. Restrictive use easements would be necessary to prevent development on the land that would be incompatible with airfield and aircraft operations, while allowing the owner to maintain possession of the land and continue to engage in compatible land uses, such as agricultural and agricultural related activities.

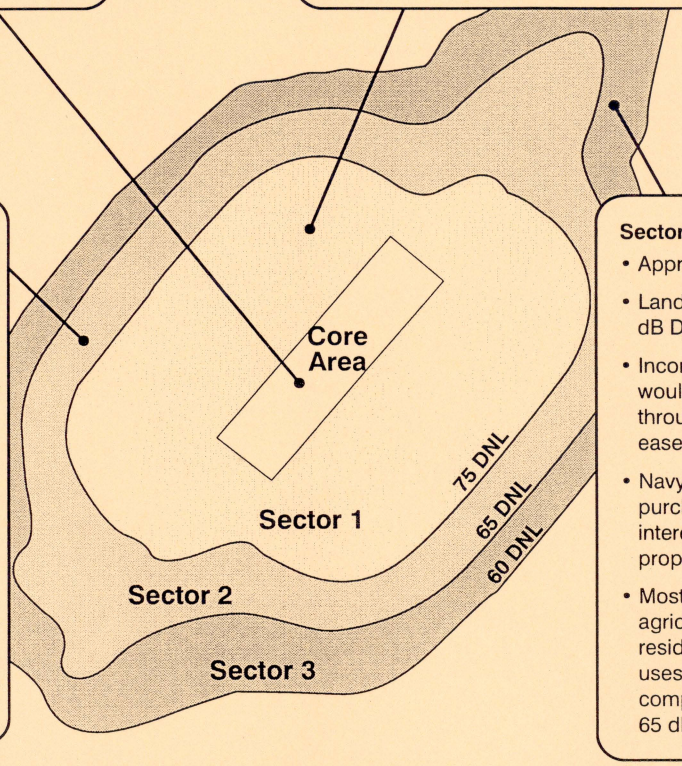
Actual land requirements would be site specific. Also, as shown below, the types of restrictive use easements would differ depending on where certain land uses occur or could occur within the core and buffer areas (e.g., Sectors, 1, 2 or 3). The Navy is also exploring additional opportunities to work with the state and local governments to further minimize the impacts on the community.

Core Area

- Approximately 2,000 acres.
- Includes runway, air traffic control tower, other support buildings, and surrounding land for flight safety.
- Navy would need to purchase homes and businesses and relocate residents.

Sector 1

- Approximately 8,200 acres.
- Land area below FCLP flight tracks and within greater than 75 dB DNL noise contour, which is considered incompatible with residential uses.
- Navy would purchase homes and relocate residents.
- Agriculture, forestry and related uses are considered compatible within the greater than 75 dB DNL noise zone.



Sector 2

- Approximately 8,700 acres.
- Land area within 65 to 75 dB DNL noise zone, which is not recommended for residential uses.
- Incompatible development would be prohibited through restrictive use easements.
- Navy would consider purchase if in the best interest of Navy and property owner.
- Agriculture, forestry and related uses are considered compatible within the 65 to 75 dB DNL noise zone.

Sector 3

- Approximately 7,500 acres.
- Land area within 60 to 65 dB DNL noise zone.
- Incompatible development would be prohibited through restrictive use easements.
- Navy would consider purchase if in the best interest of Navy and property owner.
- Most land uses, including agriculture, forestry, and residential and commercial uses are considered compatible within the 60 to 65 dB DNL noise zone.

Note: DNL = day night average sound level