



Harnett
COUNTY

SCANNED
1-21-09
DATE

H-6



Emergency Services Department

www.harnett.org

Plan Review, Inspection and Permit Fees

200 N. 13th Street
Suite 19
Erwin, NC 28339

Mailing Address:
PO Box 370
Lillington, NC 27546

ph: 910-893-7580
fax: 910-893-5025

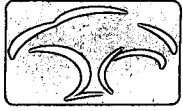
Application Number 08 -- 50020734

\$100.00	_____	Explosive Materials (90 Days)
\$ 35.00	_____	Explosive Materials (48 Hrs)
\$ 25.00	_____	Fireworks Public Display
\$ 20.00	<u> 1 </u>	Final Inspection
\$ 25.00	_____	Fire Alarm Testing
\$ 25.00	_____	Fixed Fire Suppression
\$ 10.00	_____	Insecticide Fog/Fumigation
\$ 50.00	_____	Testing of Pipes/UST/AGST
\$ 50.00	_____	Plans up to 5000 ft ²
\$100.00	<u> 1 </u>	Plans 5001 ft ² to 10,000 ft ²
\$150.00	_____	Plans 10,001 ft ² to 25,000 ft ²
\$250.00	_____	Plans 25,001 ft ² and over
\$ 25.00	_____	Sprinkler Certification Test
\$ 25.00	_____	Standpipe Testing
\$ 25.00	_____	Special Assembly
\$ 10.00	_____	Temporary Kiosks/Displays
\$ 10.00	_____	Tents greater than 700 ft ²
\$ 50.00	_____	Tank Installation (charge for each tank)
\$ 50.00	_____	Tank Removal (charge for each tank)

\$ 120.00 Total

Teddy Lee M. Lee
Code Enforcement Official

1/7/09
Date



Harnett
C O U N T Y
NORTH CAROLINA



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January 7, 2009

Bennie Williams
9121 Ramsey St
Linden, NC 28356

Williams Hanger
US 401
Lillington, NC 27546

Application Number 08-50020734

Mr. Williams,

Thank you for submitting the plans for the airport hangar. The plans have been carefully reviewed by a qualified code enforcement official to examine for full compliance with the North Carolina Fire Prevention Code and all other fire protection regulatory documents. There are some items that were found during the plan review process that need to be addressed before a final inspection of the new facility can be given. These items are outlined and described below.

- **NFPA 409**
 - The construction of the hangar shall follow the requirements set forth in NFPA 409 for a Group III Hangar.
- **Physical Address**
 - The physical address should be posted on the building in a conspicuous location clearly visible from the roadway visible to oncoming traffic. The numbers should not be less than 5" in height.
- **Knox Box**
 - A secure fire department key box should be placed near the front door of the structure and should be installed between 48"-60" AFF.
 - An order form for the Knox Box is included with this letter.
 - Note the highlighted items on the order form.

- **Fire Extinguishers**
 - Fire extinguishers need to be provided within the store and placed so that a travel distance of 50' is not exceeded. See plans for locations.
 - Indoor fire extinguishers need to be of at least a 4A:80BC rating.

- **Grounding Facilities**
 - Grounding facilities shall be provided for removal and control of static electrical accumulations on aircraft while aircraft are stored or are undergoing servicing in a hangar.
 - An adequate number of floor-grounding receptacles shall be provided. The receptacles shall be either grounded through individual driven electrodes or electrically bonded together in a grid system and the entire system grounded to underground metal piping or driven electrodes. Where driven electrodes are used, they shall consist of 15.9 mm (in.) diameter or larger metal rods driven at least 1.5 m (5 ft) into the ground. Floor-grounding receptacles shall be designed to minimize the tripping hazard.

- **Use of Hanger**
 - Hazardous operations including fuel transfer, welding, torch cutting, torch soldering, doping, and spray painting shall be prohibited in the hangar. To perform these operations in the hangar, a designed and approved fire protection system shall be installed.

- **Slope/Height of Floor**
 - The surface of the grade floor of aircraft storage and servicing areas, regardless of type of hangar construction, shall be noncombustible and above the grade of the approach or apron at the entrance to the hangar.
 - Hangar aprons shall slope away from the level of the hangar floors to prevent liquid on the apron surfaces from flowing into the hangars.

- **Suspended Heaters**
 - In aircraft storage and servicing areas, heaters shall be installed at least 3 m (10 ft) above the upper surface of wings or of the engine enclosures of the highest aircraft that can be housed in the hangar. The measurement shall be made from the wing or engine enclosure, whichever is higher from the floor, to the bottom of the heater.
 - Suspended or elevated heaters shall be located in all spaces of aircraft hangars so that they shall not be subject to injury by aircraft, cranes, movable scaffolding, or other objects. Provision shall be made to ensure accessibility to suspended heaters for recurrent maintenance purposes.
 - In shops, offices, and other sections of aircraft hangars communicating with aircraft storage or servicing areas, the bottom of the heaters shall be installed not less than 2.4 m (8 ft) above the floor.

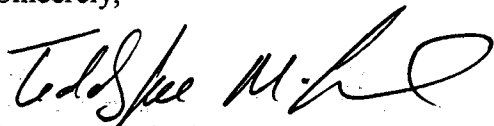
- **1103.1 Sources of ignition.**
 - Open flames, flame-producing devices and other sources of ignition shall not be permitted in a hangar, except in approved locations or in any location within 50 feet (15 240 mm) of an aircraft-fueling operation

- **508.5.1 Where required.**
 - Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 400 feet (122 m) from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the fire code official.
 - Plans shall be submitted to Harnett County Public Utilities for approval

Thank you again for submitting the plans for the airport hangar. Please review the plans and adhere to any notes and alterations that were made in addition to the original drawings. If you have any questions, please do not hesitate to call this office.

Again, thank you and we look forward to working with you during the construction period!

Sincerely,



T.J. McLamb, CFI
Chief Deputy Fire Marshal

Fire Marshal/Emergency Management

Mailing: P. O. Box 370 Lillington, NC 27546
Physical: 200 North 13th Street, Suite 19
Erwin, NC 28339

910-893-7580
910-893-5025

APPLICATION FOR PLAN REVIEW

APPLICATION NUMBER: 08 - 50020734
TODAY'S DATE: 08/14/08 RECEIVED BY: [Signature]
SUBMITTED BY: Bennie Williams
NAME OF PROJECT: Bennie Williams *Air plane Hanger*
PHYSICAL ADDRESS: Hwy 401
PHONE NUMBER: 910 822-1190 EXT.: _____
CONTACT PERSON: Bennie Williams
MAILING ADDRESS: 9121 Ramsey St Linden NC
PHONE NUMBER: _____ *28356*
CONTRACTOR'S NAME: _____
MAILING ADDRESS: _____
PHONE NUMBER: _____

NOTICE

PLANS THAT ARE SUBMITTED WILL BE REVIEWED AS QUICKLY AS POSSIBLE, WITH AN AVERAGE TIME OF REVIEW BETWEEN 7 - 10 WORKING DAYS.



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Sincerely,

A handwritten signature in black ink, appearing to read 'T.J. McLamb', written in a cursive style.

T.J. McLamb, CFI
Chief Deputy Fire Marshal