

LOCAL RECOMMENDATIONS

MARINE CORPS AIR STATION (HELICOPTER)

NEW RIVER

JACKSONVILLE, NORTH CAROLINA

1 JUNE 1977

1. Overhaul, repair or replace as necessary, and restore to full service the exit lights in BEQs 4020 and 4025 which have been severely vandalized.
2. Improve the maintenance of exit lights throughout all buildings on the station.
3. Reconnect all dryers to the exhaust vent system in Laundry Rooms of BEQ 4010.
4. Remove all storage of surfboards, saw horses, plywood, etc. from Mechanical Equipment Room in MAG-29 Headquarters Building 4122.
5. Remove, and strictly prohibit the further use of plastic trash containers throughout the station. Combustible trash is required to be disposed of only in noncombustible containers with metal covers.
6. Remove all storage from Mechanical Equipment Room of MAG-29 Warehouse 4110.
7. Remove all plywood from the security mesh ceiling of Warehouseman's Office in MAG-29 Warehouse 4110 or provide sprinklers under this ceiling.
8. Repair or replace all damaged elbows and wind-driven ventilators for the valve pit exhaust systems in the Fuel Farm.
9. Remove the latching devices from the fuel dispensing nozzles of the gasoline pumps at the gasoline station adjacent to the Fuel Farm. These latches are permitted on automatic nozzles only when all dispensing is done by the attendant on duty. At the gasoline station in question it is common practice for vehicle operators to refuel their own vehicles even though an attendant is on duty.
10. Replace the painted sprinkler head in the ceiling of the west end stair of Hangar 4108.
11. Immediately replace the damaged shutoff valve and missing supply piping at the dry pipe sprinkler valve which controls protection in

ENCLOSURE (2)

Note 1: Tests in the 3000 Area could not be completed due to the large quantity of rocks and gravel in the 8-inch water main. Recommendation made.

Note 2: The one operational booster pump in Building 2003 was tested. This pump, rated at 750 GPM at 85 PSI, met the 150% test satisfactorily by producing 1125 GPM at 52 PSI.

Note 3: Fire pumps in Hangar 4100 were tested and produced 2800 GPM each at 60 PSI. These pumps, oversized for their need, are only operated at about 50% of rated RPM and with relief valves deliberately set low to enable the pressures to properly match at the "mix-point" of the water and AFFF systems.

the enclosed 1-story lean-to at the east end of Hangar 4108. This system was damaged by freezing during January 1977 and is still out of service "awaiting parts", although the needed parts are readily obtainable.

12. Remove the plywood deck over the security mesh enclosure housing locker area in Flight Equipment Room WC-130 of Hangar 4108, or provide sprinklers under this deck.

13. Remove all storage from the top of the locker cage in Flight Equipment Room of HML-268 in Hangar 4108, or provide sprinklers within the cage.

14. Remove the wooden platform over the sprinkler valve in the west end 1-story lean-to of Hangar 4108.

15. Discontinue the practice of blocking, wedging, or tying open the fire doors to the stair towers on second floor of Hangar 4106. These doors must be kept normally closed.

16. Either remove the ceiling of the Production Control Office in Supply Area of Hangar 4106, first floor, or provide sprinkler protection throughout this office.

17. Remove the motorcycles from the Hydraulic Test Stand Room and from the Metal Shop in Hangar 4106. Housing of private vehicles in hangars and shops is prohibited, and the legal liability aspects emphasize this prohibition.

18. Remove the coffee mess/snack bar at east end stair tower of Hangar 4100. This is presently housed in a room opening directly into the stair tower necessitating that the fire door between the snack bar and stair tower be kept open. This jeopardizes the fire integrity of this required exit facility.

19. Replace the missing gong shell on the low air trouble bell of the southerly deluge sprinkler system valves in Hangar 518. This audible alarm device is essential to give warning of low air pressure in the system in case of compressor failure, or leakage, to enable corrective action to be taken before the systems trip and flood the hangar bay.

20. Remove all paints and thinners from the Hydraulic Shop in Hangar 518. Any essential amounts within the shop to be kept only in UL-listed safety cans.

21. Clean out the janitor's closet ("gear locker") on the second floor of Module 1, near end stair, Hangar 515, and remove all paints, brushes, thinners, and empty cans.

22. Remove the coffee mess/snack bar from the first floor room, at the end stair of Module 1, Hangar 515. The fire door between the coffee mess and stair tower is kept tied open which jeopardizes the fire integrity of this required exit. The radar range and "jury rigged" electrical wiring make this a completely unsafe arrangement regardless of location.
23. Remove all candy machines, cigarette machines, etc. and all storage from the areas at the foot of all stairs in Hangar 504. These stairs are required exits and no storage or equipment of any kind is permitted.
24. Institute and enforce a station-wide procedure whereby no coffee mess, snack bar, hot plate, coffee pot, or cooking facility can be established or placed in operation without examination by the fire department, and health officer as necessary, and the issuance of a permit which must be kept posted at the appliance. Unauthorized, unsafe, and unsanitary coffee messes and cooking facilities are proliferating with little or no control.
25. Secure all interior fire alarm system coded transmitter covers closed with either nut and bolt or padlocks. It is obvious that many transmitters are subject to tampering.
26. Either remove the plywood ceiling of Sqdn. 214 Mail Room in Hangar 504, or provide sprinklers under this ceiling.
27. Remove the lawn mower now stored in office of MABS-26 Headquarters Building 3502 from the building.
28. Cleanup and clean out the interior of Ground Electronics Building 849 and replace the numerous "jury-rigged" wiring circuits with wiring complying with the National Electric Code.
29. Provide an exhaust fan to outdoors, capable of reducing vapors in the Duplicating Room of Building 818 to a safe level, and instruct personnel not to operate the large duplicating machine unless the fan is running.
30. The present condition of Old Boiler Plant 833 constitutes a severe fire hazard. Clean out the trash, rags, junk and other materials (apparently mostly Flying Club property) and completely secure the building until such time as it is demolished or otherwise disposed of.
31. Remove the latch from the automatic dispensing nozzle of the Flying Club gasoline pump. Such latches are prohibited for self-service dispensing.

32. Provide UL-listed, wet cell battery with automatic charger, emergency lights throughout Officers' Club 710. These units are required by NFPA-101, "Life Safety Code", to be provided in places of assembly, so located as to illuminate the pathways to the exits in the event of a power outage.
33. Provide a wood waste collection and removal system, connected to all woodworking machinery in Carpenter Shop Building 124.
34. Either provide a safe fuel supply arrangement for the LP gas range in Grounds Maintenance Building 121, or remove the range and LP gas cylinder and appurtenances. The necessity for this range is highly suspect and the fuel supply is an industrial LP gas cylinder.
35. The deep fat fryer in Service Club 208 does not appear to be provided with thermostats complying with current requirements. Deep fat fryers must have a primary (adjustable) thermostat with an upper limit not exceeding 410°F and a secondary back-up thermostat designed to limit temperature to 425°F. If this unit does not comply, replace it with a unit equipped to meet these requirements.
36. Relocate the deep fat fryer in Service Club 208 from its present position outside the exhaust hood so that it is entirely under the hood, as required by NFPA-96, "Commercial Cooking Equipment".
37. Properly flameproof the burlap draperies on the walls of Bowling Alley 205, or replace with noncombustible material.
38. Replace the deep fat fryer in the snack bar of Bowling Alley 205 by one with a primary thermostat with an upper limit not in excess of 410°F and provided with a back-up thermostat limiting temperature to not more than 425°F.
39. Replace the electrical panel "dead-front" covers and doors, which were removed for work on circuits, in Electrical Room of Bowling Alley 205 now that repairs have been completed. A station electrician on the scene at inspection refused to accomplish this without a separate work order.
40. Connect dryers to the existing vent system in Laundry Room of BEQ 214.
41. Restore exit lights to full service in BEQ 214 and 212.
42. Remove the unauthorized hot plate from Barber Shop Storeroom in Exchange 232.
43. Provide UL-listed, wet cell battery operated emergency lights throughout Exchange 232 so situated as to light the pathways to the

exits in the event of a power outage.

44. Remove the unauthorized hot plate from the employees lounge in "Seven Day Store" 233.
45. Limit smoking to specifically designated areas in Warehouse 130.
46. Clear out the area behind the reefer boxes in lean-to area of Commissary 414 and keep this area clean.
47. Weigh the high pressure CO₂ cylinders on all fixed CO₂ systems, recharging as necessary, every 6 months as is required by NFPA-12, "Carbon Dioxide Systems". System cylinders in Building 312, for example, have not been weighed since their installation in 1969.
48. Rework the sprinkler systems in Group Supply Warehouse 424 as follows:
 - a. Extend sprinklers to cover the new Warehouse Chief's office currently under construction.
 - b. Extend sprinkler protection to cover the new Administration Office addition.
 - c. Repipe the sprinkler branch line in Marine Corps Property Office where there is now one sprinkler head on 1/2-inch pipe. This area requires two sprinklers and these must be on 1-inch pipe.
 - d. Extend the sprinkler system, via an antifreeze loop, to cover all of the area under the canopy over the south loading dock, which is now used full time for storage.
49. Replace the three 2½-inch valve hose outlets on the hose header (test header) on Booster Pump House 2003. Existing valves have been damaged by freezing and hose threads on these valves are not U. S. National Standard Hose Threads as is required.
50. Provide an automatic ball drip in the hose header assembly of the fire pumps in Booster Pump House 2003. This will prevent a reoccurrence of the freezing which occurred during January 1977 by automatically draining any water which leaks into the test header assembly past the normally closed gate valve.
51. During this survey, the recently installed 8-inch main which supplies fire hydrants in the MABS-26 Area and the sprinkler system in MABS-26 Warehouse Building 3525 was found to be full of rocks and gravel. Fire department personnel should continue to flush hydrants in this area, via the 4½-inch outlets and with fire pump in Building 2003 operating, until fully satisfied that all rocks and gravel have been cleared from the main.