RADIO STATION LICENSE

Licensee Name: APPALACHIAN SEARCH & RESCUE CONFERENCE INC

Radio Service: IB BUSINESS
Call Sign: WNUF658
Frequency Advisory No:
Number of Mobiles by Category: Vehicular - 24 Portable - 75 Aircraft - 1 Marine - 1 Pagors

901029Z 45 1 1M

APPALACHIAN SEARCH & RESCUE CONFERENCE: I
COMMUNICATIONS SECRETARY
POB 440
CHARLOTTESVILLE, VA 22904-0440

Station Technical Specifications

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<th>No. of Units</th>
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AREA OF OPERATION
SITE 1: US STATES: NC VA WV DC MD DE PA NJ
CONTROL POINTS: RM B6C PEABODY HALL UNIVERSITY OF VIRGINIA CHARLOTTESVILLE VA
CONTROL POINT PHONE: 804-924-3472
SPECIAL COND: SEE ATTACHED #16, SP: THIS FREQUENCY MAY NOT BE UTILIZED WITHIN 75 MILES OF OPERATION ON 151.625 MHZ IN THE CLEAR CREEK ONT AREA.

"SPECIAL COND: SEE ATTACHED #16:" reads:
"Operations onboard aircraft are subject to the limitations set forth in Rule Section 90.423 (a)."

These Limitations are:
2. Regular operating altitude not to exceed 1 Mile (A.G.L.).
3. Output power and altitude are to be minimized to decrease interference with other users.

EMISSION DESIGNATOR(S) CONVERTED TO CONFORM TO DESIGNATOR(S) SET OUT IN PART 2 OF THE COMMISSION'S RULES.

FEDERAL COMMUNICATIONS COMMISSION

This authorization becomes invalid and must be returned to the Commission if the stations are not placed in operation within eight months, unless an extension of time has been granted. EXCEPTION: 800 MHz trunked and certain 800 MHz station licenses cancel automatically if not constructed within one year.

FCC 574-L
September 1990
A. This authorization is subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, rules, and

B. Neither this authorization nor the rights granted herein shall be assigned or otherwise transferred to

C. This authorization is issued on the basis of the representations that the statements contained in licenses

D. This authorization is subject to the right of use or control by the Government of the United States

E. Service as will serve public interest, convenience, or necessity to the full extent of the privileges herein

F. The radio transmitting license herein described shall not vest in the licensees or lessees of the frequencies designated in the license or lessee of the radio transmitting license herein described who is authorized to use and operate.

G. All requirements herein contained by this Commission, made by this Commission and, unless subject to the conditions and

H. Any person, firm, company, or corporation except by specific authorization of the Commission.
5. Med 1-8 subject to the provisions of Rule Section 90.53(b)(15).

6. This station to be used only for communications between members of the hospital network during times of emergencies.

7. This station is for disaster relief purposes and may only be used to transmit messages in accordance with Rule Section 90.41.

8. For medical ambulance dispatch only. Equipment authorized herein shall not be used in the performance of funeral or other routine operations.

9. Limited for coordinated use in cooperation with hospitals authorized on this frequency.

10. To be used for ambulance and rescue squad work only.

11. For inter-system operations only.

12. Operations authorized in accordance with the Railroad Frequency Assignment Plan.

13. Authorized in accordance with Rule Sections 90.176, 90.622(g), and 90.621(h).

14. Licensee has 90 days to continue operating under parameters of previous authorization.

15. Operations onboard aircraft are subject to the limitations set forth under Rule Section 90.423(a).

16. For nationwide use limited by Rule Section 90.19(e)(14). (Frequency 155.475 MHz)

17. For inter-system communications as limited by Rule Section 90.19(g)(14).

20. This system may not be used for fixed service purposes.

21. Telephone interconnection with the wireline facilities of a telephone company is authorized subject to the provisions of Rule Sections 90.476 through 90.483 as appropriate.

22. This grant does not extend the period within which you must place the station in operation or meet loading requirements. That period begins from the date of your original authorization.

23. This license is for demonstration purposes only and may not be used for day to day business activity. This system is for secondary use and the mobiles licensed herein will not count toward the total mobile loading of these frequencies.

31. The use of radio for demonstration purposes in connection with the sale of radio equipment is limited by the following conditions:

   a. The equipment shall be under the control of the licensee at all times. Purchasers or prospective customers shall not be permitted to operate the equipment in any manner in the absence of authorized employees of the licensee.

   b. No person other than the licensee shall use the assigned call signs.

   c. No representation shall be made by the licensee to any person that a radio transmitter may be utilized prior to the issuance of an authorization by the Commission.

   d. Demonstration of radio equipment and/or coverage surveys should be completed within two weeks.

   e. Equipment demonstrated under the terms of this license shall be on frequencies available under Part 90 of the Rules.

   f. The technical parameters of the radio service in which the frequency(ies) is allocated shall be observed.

32. Special Condition for operating interconnected facilities under the provisions of Rule Section 90.261: These frequencies are authorized on a secondary non-interference basis to Land Mobile operations; any unresolved interference resulting from operation on these frequencies will cause for cancellation. The provisions of Rule Section 90.261 governing antenna directivity and minimum mileage criteria from urbanized areas must be strictly complied with. Antenna structures must fully meet the requirements of Special Condition #5. Transmissions must directly relate to those activities which constitute the licensee's eligibility. Personal communications are expressly forbidden.

33. Special Condition for operating interconnected facilities under the provisions of Rule Section 90.267: These frequencies are authorized for use on a secondary non-interference basis to regularly assigned adjacent channel operations at a maximum of two watts output power. Interference resulting from operation on these frequencies will cause for cancellation. The provisions of Rule Section 90.267 must be strictly complied with. Directional antennas must be used and their installed height may not exceed twenty (20) feet above ground. Transmissions must directly relate to those activities which constitute the licensee's eligibility. Personal communications are expressly forbidden.

34. 800/900 MHz Loading and Construction Instructions—This authorization is issued subject to these conditions. If this facility is not constructed within one year of the date of this grant, and has not been authorized an extended construction period, the license cancels automatically. If the five year mobile loading requirements applicable to this system (see 90.631) are not met, and if waiting lists for trunked frequencies exist in your geographic area of operation, this license cancels automatically. The Commission will, however, in these circumstances consider authorizing you for one channel (frequency pair) for each existing 100 mobile stations, or fraction thereof, operating on your previously authorized frequencies.

35. Antenna structures for land, base and fixed stations authorized in the Private Radio Bureau for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 200 feet above ground level; provided that the overall height of such antennas more than 20 feet above ground, including their supporting structures (whether natural formation or man-made), does not exceed a slope of 1 foot above the established airport elevation for each 100 feet of distance or fraction thereof from the nearest boundary of such airport. Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 200 feet above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7450-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.

36. This license is issued subject to the following condition: Grant of this license is predicated upon Canadian indication that no harmful interference is anticipated to existing Canadian stations. Canada’s determination was based upon the results of actual field test transmissions. If interference should arise due to operation of this station in non-conformance with the technical parameters actually employed in conducting the field test transmissions, this license shall automatically cancel and subsequent operations would be unlicensed.

FCC 574L (SC)
SEPTEMBER 1990
37. This license is issued subject to the condition that the station may only be operated on the specific frequencies paired or associated with SMR system(s) providing mobile relay service to the licensee.

38. Authorized on a secondary basis.

39. Authorized on a secondary basis. Any renewal of this authorization will require that the Commission recoordinate with IMAC.

40. For intersystem communication as limited by Rule Section 90.21(c)(2).

41. A license issued to a corporation or an association may not be used for personal communications; Rule Section 95.179(b).

42. Maximum allowable Output Power for Control/Mobile stations is 100 watts.

43. This license is a conditional grant subject to formal ratification of the US and Mexico agreement which made the frequencies hereon available for assignment. Until ratification of the agreement, this authorization may be cancelled by the Commission without prior notice or right of appeal.

44. Use of this frequency is limited to transmissions that are in compliance with SPEN Plan. (Frequency 154.680)

45. Secondary site subject to the condition that no interference is caused to co-channel users in an adjacent communications area.

46. A license issued to an individual may be used only by the licensee and members of the immediate family who reside in the same household, see Rule Section 95.179.

47. This authorization is granted subject to the condition that no harmful interference is caused to co-channel Canadian stations. Furthermore, no protection is afforded to your transmissions from interference that may be caused by these authorized Canadian operations.

48. A review of your previous authorization showed output power(s) in excess of the Commission's rules. Your current authorization reflects the maximum output(s) allowed for your station(s). If you have any questions regarding this change, contact the Consumer Assistance Office at 717-337-1212.

49. ERP (Effective Radiated Power) has been reduced to be in compliance with Rule Section 90.635.

50. ERP (Effective Radiated Power) has been reduced to comply with Rule Sections 90.307, 90.309 and 90.315.

51. Area of operation has been reduced to comply with Rule Section 90.305.

52. The maximum ERP (Effective Radiated Power) allowed for the control station authorized in this system is 5 watts.

53. Only those frequencies identified by Public Notice are available for use.

ITEM NUMBERS NOT LISTED ABOVE ARE RESERVED.
OBSTRUCTION MARKING AND LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(g) of the Communications Act of 1934, as amended.

PAINTING

1 Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and bottom. The width of the bands shall be equal and approximately one-seventh the height of the structure, provided however, that the bands shall not be more than 100 feet nor less than 1 1/2 feet in width. All towers shall be cleaned or repainted as often as necessary to maintain good visibility.

TOP LIGHTING

2 There shall be installed at the top of the tower at least two 116- or 125-watt lamps (A21/T8) enclosed in aviation red obstruction light globes. The two lights shall burn simultaneously at sunset to sunrise and shall be positioned so as to insure unobstructed visibility of at least one of the lights from aircraft at any normal angle of approach. A light sensitive control device or an astronomical dial clock and time switch may be used to control the obstruction lighting in lieu of manual control. When a light sensitive device is used it should be adjusted so that the lights will be turned on at a north sky light intensity level of about thirty-five foot candles and turned off at a north sky light intensity level of about fifty-eight foot candles.

3 There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

INTERMEDIATE LIGHTING

(BEACONS)

4 At approximately one-half of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of the tower at the prescribed height.

5 At approximately two-fifths of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

6 On levels at approximately two-thirds and one-third of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

7 On levels at approximately four-sevenths and two-sevenths of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

8 On levels at approximately three-fourths, one-half and one-fourth of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of the beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

9 On levels at approximately two-thirds, four-ninths and two-ninths of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10 On levels at approximately four-fifths, three-fifths, two-fifths and one-fifth of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be
installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.1 On levels at approximately eight-eighths, six-eighths, four-eighths and two-eighths of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.2 On levels at approximately five-sixths, two-thirds, one-half, one-third and one-sixth of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.3 On levels at approximately ten-thirteenth, eight-thirteenth, six-thirteenth, four-thirteenth and two-thirteenth of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.4 On levels at approximately six-sevenths, five-sevenths, four-sevenths, three-sevenths, two-sevenths and one-seventh of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, the shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

11 At the approximate mid point of the overall height of the tower there shall be installed at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of at least one light at each level from aircraft at any normal angle of approach.

12 On levels at approximately two-thirds and one-third of the overall height of the tower, there shall be installed at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of at least one light at each level from aircraft at any normal angle of approach.

13 On levels at approximately three-fourths and one-fourth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

14 On levels at approximately four-fifths, three-fifths and one-fifth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

15 On levels at approximately five-sixths, one-half, and one-sixth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

16 On levels at approximately six-sevenths, five-sevenths, three-sevenths and one-seventh of the overall height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

17 On levels at approximately seven-eighths, five-eighths, three-eighths and one-eighth of the overall height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

18 On levels at approximately eight-ninths, seven-ninths, five-ninths, one-third and one-ninth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

19 On levels at approximately nine-tenths, seven-tenths, one-half, three-tenths and one-ninth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

20 All lighting shall be exhibited from sunset to sunrise unless otherwise specified.

21 All lights shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

22 During construction of an antenna structure, for which obstruction lighting is required, at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes, shall be installed at the uppermost point of the structure. In addition, a tower height of the structure exceeds each level at which permanent obstruction lights will be required, two similar lights shall be displayed nightly from sunset to sunrise until the permanent obstruction lights have been installed and placed in operation, and shall be positioned so as to insure unobstructed visibility of at least one of the lights at any normal angle of approach. In lieu of the above temporary warning lights, the obstruction lighting fixtures may be installed and operated at each required level as each such level is exceeded in height during construction.

F.C.C. - WASHINGTON, D.C.

FCC Form 715 (back)
March 1978
HIGH INTENSITY OBSTRUCTION LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

TOP LIGHTING
A. There shall be installed at the top of the antenna structure a white capacitor discharge omnidirectional light which conforms to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. This light shall be mounted on the highest point of the structure. If the antenna or other appurtenance at its highest point is incapable of supporting the omnidirectional light, one or more such lights shall be installed on a suitable adjacent support with the lights mounted not more than 20 feet below the tip of the appurtenance. The lights shall be positioned so as to permit unobstructed viewing of at least one light from aircraft at any normal angle of approach. The light unit(s) shall emit a beam with a peak intensity around its periphery of approximately 20,000 candelas during daytime and twilight, and approximately 4,000 candelas at night.

B. There shall be installed at the top of the skeletal or other main support structure three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The component of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be two degrees (°) at the one-third level and one degree (') at the two-thirds level.

C. At the approximate one-fourth, one-half and three-fourths levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be three degrees (°) at the one-fourth level, two degrees (°) at the one-half level, and one degree (') at the two-thirds level.

E. At the approximate one-fourth, one-half and three-fourths levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be three degrees (°) at the one-fourth level, two degrees (°) at the one-half level, one degree (') at the two-thirds level and zero degrees (0') at the five-sixths level.

H. All lights shall be synchronized to flash simultaneously at 40 pulses per minute. The light system shall be equipped with a light sensitive control device which shall face the north sky and cause the intensity steps to change automatically when the north sky illumination on a vertical surface is as follows:

1. Day to Twilight: Shall not occur before the illumination drops to 60 footcandles, but shall occur before it drops below 30 footcandles.

2. Twilight to Night: Shall not occur before the illumination drops to 5 footcandles, but shall occur before it drops to 2 footcandles.

3. Night to Day: The intensity changes listed in 1. and 2. above shall be reversed in transitioning from the night to day modes.

TEMPORARY LIGHTING
I. During construction of an antenna structure for which high intensity lighting is required, at least two lights shall be installed at the uppermost part of the structure. In addition, at each level where permanent obstruction lighting will be required, two similar lights shall be installed. Each temporary light shall consist of at least 1,500 candelas (peak effective intensity), synchronized to flash simultaneously at 40 pulses per minute. Temporary lights shall be operated continuously, except for periods of actual construction, until the permanent obstruction lights have been installed and placed in operation. Lights shall be positioned to ensure unobstructed viewing from aircraft at any normal angle of approach. If practical, the permanent obstruction lights may be installed at each level as the structure progresses. NOTE: If battery operated, the batteries should be replaced or recharged at regular intervals to preclude failure during operation.

OPTIONAL LIGHTING
J. Antenna structures shall be equipped with:

1. High intensity lighting for daytime use and red lighting for nighttime use as specified in FCC Form 715; or

2. High intensity lighting, 24 hours a day, which conforms to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems.
**RADIO-STATION LICENSE**

Licensee Name: **APPLACHIAN SEARCH & RESCUE CONFERENCE INC**

Radio Service: **IB BUSINESS**

Call Sign: **WNUF658**

Frequency Advisory Number:

Number of Mobiles by Category:

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FCC I.D.: **900802302**

License Issue Date: **90 0905**

License Expiration Date: **95 0905**

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**AREA OF OPERATION**

Site 1: **US STATES**: NC VA WV DC MO DE PA NJ

**CONTROL POINTS**: BASS-Peabody Hall Unv of Virginia Charlottesville VA

**CONTROL POINT PHONE**: 301-572-3560

**SPECIAL COND**: See Attached #16. Sp. This frequency may not be utilized within 75 miles of operation on 151.625 MHz in the Clear Creek Ont. Area.

"Special Cond: Attached #16:" reads:

"Operations onboard aircraft are subject to the limitations set forth in Rule Section 90.423 (a)."

Limitations are:
2. Regular operating altitude not to exceed 1 Mile (5,250 Ft.) AGL.
3. Output power and altitude should be minimized to decrease interference with other users.

NOTE: Control Point Phone number is being changed to: 804 - 924-3472

Please use this number, if needed.

**EMISSION DESIGNATOR(S) CONVERTED TO CONFORM TO DESIGNATOR(S) SET OUT IN PART 2 OF THE COMMISSION'S RULES.**

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**FEDERAL COMMUNICATIONS COMMISSION**

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**900905 SN 34G 1 12**

**APPLACHIAN SEARCH & RESCUE CONFERENCE INC**

**COMMUNICATIONS SECRETARY**

**POB 440**

**CHARLOTTESVILLE VA 22904 0440**

This authorization becomes invalid and must be returned to the Commission if stations are not placed in operation within eight months, unless an extension of time has been granted. EXCEPT: 800 MHz trunked and certain 900 MHz STV licenses cancel automatically if not constructed within one year.
Special Condition: Attached #16 reads:
"Operations onboard aircraft are subject to the limitations
set forth in Rule Section 90.423(a)."

Limitations are:
2. Regular operating altitude not to exceed 1 Mile (5,250 FT) AGL.
3. Output power and altitude should be minimized
   to decrease interference with other users.

NOTE: Control Point number is being changed to: 804 - 924-3472
Please use this number, if needed.
**RADIO-STATION LICENSE**

**Licensed Name:** APPALACHIAN SEARCH & RESCUE CONFERENCE INC

**Radio Service:** BUSINESS

**Call Sign:** UNUF658

**FCC I.D.:** 9008062302

**File Number:** 9008062302

**License Issue Date:** 09/05/95

**License Expiration Date:** 09/05/95

**Number of Mobiles by Category:**
- Vehicular: 24
- Portable: 75
- Aircraft: 1
- Marine:
- Pages:

**Station Technical Specifications**

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<th>FCC I.D.</th>
<th>Frequencies (MHz)</th>
<th>Station Class</th>
<th>No. of Units</th>
<th>Emission Designator</th>
<th>Output Power (Watts)</th>
<th>E.R.P. (Watts)</th>
<th>Ground Elevation</th>
<th>Ant. Hgt. To Tip</th>
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**AREA OF OPERATION**

**SITE 1: US STATES:** NC VA WV DC MD DE PA NJ

**CONTROL POINTS:** BCC PEABODY HALL UNIV OF VIRGINIA CHARLOTTESVILLE VA

**CONTROL POINT PHONE:** 301-572-3560

**SPECIAL COND:** SEE ATTACHED #16 SP: THIS FREQUENCY MAY NOT BE UTILIZED WITHIN 75 MILES OF OPERATION ON 151.625 MHZ IN THE CLEAR CREEK CNT AREA.

---

"Special Cond: Attached #16: reads:

"Operations onboard aircraft are subject to the limitations set forth in Rule Section 90.423 (a)."

Limitations are:

2. Regular operating altitude not to exceed 1 Mile (5,250 Ft.) AGL.
3. Output power and altitude should be minimized to decrease interference with other users.

**NOTE:** Control Point Phone number is being changed to: 804 - 924-3472
Please use this number, if needed.

---

**EMISSION DESIGNATOR(S) CONVERTED TO CONFORM TO DESIGNATOR(S) SET OUT IN PART 2 OF THE COMMISSION'S RULES.**

---

**FEDERAL COMMUNICATIONS COMMISSION**

---

This authorization becomes invalid and must be returned to the Commission if the stations are not placed in operation within eight months, unless an extension of time has been granted. EXCEPTION: 800 MHz trunked and certain 900 MHz STS's licenses cancel automatically if not constructed within one year.
Licensee: Appalachian Search & Rescue Conference (ASRC), Inc.

COMMUNICATIONS OFFICER
APPALACHIAN SEARCH & RESCUE CONFERENCE
(ASRC), INC.
NEWCOMB HALL STATION
PO BOX 400440
CHARLOTTESVILLE VA 22904

FCC Registration
Number (FRN): 00066704845

Call Sign
WQEUV871

File Number
0002789887

Radio Service
1G - Industrial/Business

Pool, Conventional

Regulatory Status
PHRS

Frequency Coordination Number

Grant Date
04-20-2006

Effective Date
10-20-2006

Expiration Date
04-20-2016

Print Date
10-20-2006

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc.
1

Area of Operation
States of Operation: NC, VA, WV, DC, MD, DE, PA, NJ

LOCATION 1 SPECIAL CONDITION: Area of operation is restricted to south of Line A and/or west of
Line C.

Antennas

Loc. No.
1

Ant. No.
1

Frequencies (MHz)
151.625000

Sta. Cls.
MDI

No. Units
100

No. Pagers
0

Emission Designator
20KOF3E

Output Power (watts)
100.000

ERP (watts)
100.000

Ant. Ht./Tp meters

Ant. AAT meters

Construct Deadline Date

Control Points

Control Address

State

Telephone Number

City

County

(804)924-3472

Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is
subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any
tight in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than
authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in
violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in
erms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended.
Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

Licensee: Appalachian Search & Rescue Conference (ASRC), Inc.

Call Sign: WPEZ758
FCC Registration Number (FRN): 0006704845
File Number: 0002789886

Radio Service: PW - Public Safety Pool, Conventional
Regulatory Status: PMRS
Frequency Coordination Number

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STATION TECHNICAL SPECIFICATIONS

Location Address or Mobile Area of Operation

- Area of Operation: Nationwide; SOUTH OF LINE A US

Antennas

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Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 606.
for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 80.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.

USE LIMITED TO THE PURPOSES AND CONDITIONS APPLICABLE TO THE RESPECTIVE FREQUENCIES. SEE RULES 90.27 AND 90.53.

Federal Communications Commission  
Wireless Telecommunications Bureau  
RADIO STATION AUTHORIZATION

Licensee: Appalachian Search & Rescue Conference (ASRC), Inc.

COMUNICATIONS OFFICER  
APPALACHIAN SEARCH & RESCUE CONFERENCE  
(ASRC), INC.  
NEWCOMB HALL STATION  
PO BOX 400440  
CHARLOTTEVILLE VA 22904

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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1  
Area of Operation: NC, VA, WV, DC, MD, DE, PA, NJ  
LOCATION 1 SPECIAL CONDITION: Area of operation is restricted to south of Line A and/or west of Line C.

Antennas

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Control Points

Control Address

Pt. No. 1  
Rm B2C Peabody Hall, University of Virginia  
Charlottesville  
VA  
(804)924-3472

Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 606.
RADIO STATION AUTHORIZATION

Licensee: Appalachian Search & Rescue Conference (ASRC), Inc.

COMMUNICATION OFFICER
APPALACHIAN SEARCH & RESCUE CONFERENCE
(ASRC), INC.
NEWCOMB HALL STATION
PO BOX 400440
CHARLOTTESVILLE VA 22904

FCC Registration
Number (FRN): 0006704845

Call Sign
File Number
WPEZ758 0002789886

Radio Service
PW - Public Safety Pool,
Conventional

Regulatory Status
PMRS

Frequency Coordination Number

Grant Date 09-22-2004
Effective Date 10-20-2006
Expiration Date 06-01-2014
Print Date 10-20-2006

STATION TECHNICAL SPECIFICATIONS

Area of Operation
Nationwide: SOUTH OF LINE A US

Antennas

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Conditions:

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Additional Information:
- The issuance of this license is contingent upon the installation and testing of a new radio facility at the specified location.
- The facility must comply with all applicable Federal, State, and Local regulations.
- The licensee must maintain all required documentation and submit annual reports as specified by the Federal Communications Commission (FCC).
- Any modifications or changes to the facility must be approved in writing by the FCC.

Contact Information:
- Name: Appalachian Search & Rescue Conference
- File Number: 0002709886
- Call Sign: WPZ758
for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission’s Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.

USE LIMITED TO THE PURPOSES AND CONDITIONS APPLICABLE TO THE RESPECTIVE FREQUENCIES. SEE RULES 90.27 AND 90.53.

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- 155.17500
- 155.20000
- 155.22500
- 155.25000
- 155.27500
- 155.30000
- 155.32500
- 155.35000
- 155.37500

**Emission Designation**
- 0 20KFOE
- 0 20KFOE
- 0 20KFOE
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- 0 20KFOE
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- 0 20KFOE
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- 0 20KFOE

**Notes**
- **Federal Communication Commission**
- **Box 440 NEWCOMB HALL STA**
- **229040440**

**Site 1:** US NATIONWIDE: SOUTH OF LINE A
**Area of Operation:** 804-924-3472
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<td>35.2900 120.0000</td>
<td>120.0000 35.0000</td>
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<td>WPZ792</td>
<td>Emergency Medical Radio Service</td>
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<td>WPZ792</td>
<td>Emergency Medical Radio Service</td>
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<td>200</td>
<td>B</td>
<td>WPZ792</td>
<td>Emergency Medical Radio Service</td>
</tr>
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</table>

**Location:** Charlottesville, VA
**Box 44** Mecklenburg Hall
**Public Safety Secretary**

Appalachian Search and Rescue Conference

940602N 16 1 2Z

490602N 16 1 2Z

Appalachian Search and Rescue Conference

Radio Station License

Appalachian Search and Rescue Conference

Radio Station License
<table>
<thead>
<tr>
<th>FCC I.D.</th>
<th>Station/Call Sign</th>
<th>License Class</th>
<th>Emission Class</th>
<th>Antenna Height</th>
<th>Antenna Latitude</th>
<th>Antenna Longitude</th>
<th>NSMutableArray Length Limitation</th>
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SPECIAL COND: SEE ATTACHED #35, SPECIFICATION LIMITATION TO THE PURPOSES AND CONDITIONS APPLICABLE TO THE RESPECTIVE FREQUENCIES. SEE RULES 90.27 AND 90.53.

**EMISSION DESIGNATOR(S)** CONVERTED TO CONFORM TO DESIGNATOR(S) SET OUT IN PART 2 OF THE COMMISSION'S RULES.
RADIO STATION LICENSE

Licensee Name: APPALACHIAN SEARCH & RESCUE CONFERENCE INC
Radio Service: PART BUSINESS
Call Sign: WNUF558
Frequency Advisory No./Service Area: 951103Z 54 1 1M

APPALACHIAN SEARCH & RESCUE CONFERENCE I
NEWCOMB HALL STATION
PO BOX 440
CHARLOTTESVILLE VA 22904-0440

REGULATORY STATUS: PMRS

<table>
<thead>
<tr>
<th>FCC I.D.</th>
<th>Frequencies (MHz)</th>
<th>Station Class</th>
<th>No. of Units</th>
<th>Emission Designator</th>
<th>Output Power (Watts)</th>
<th>E.R.P. (Watts)</th>
<th>Ground Eleye</th>
<th>Ant. Hgt. - To Tip</th>
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<tr>
<td>1:</td>
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AREA OF OPERATION

SITE 1: US STATES: NC VA WV DC MD DE PA NJ

CONTROL POINTS: RM BGC PEABODY HALL UNIVERSITY OF VIRGINIA CHARLOTTESVILLE VA
CONTROL POINT PHONE: 804-924-3472

SPECIAL COND: SEE ATTACHED #16, SP: THIS FREQUENCY MAY NOT BE UTILIZED WITHIN 75 MILES OF OPERATION ON 151.625 MHZ IN THE CLEAR CREEK DNT AREA.

The latitude/longitude are authorized in North American Datum 1927 (NAD27). Additionally, the antenna height to tip, ground elevation, AAT and area of operation units are authorized in metric.

EMISSION DESIGNATOR(S) CONVERTED TO CONFORM TO DESIGNATOR(S) SET OUT IN PART 2 OF THE COMMISSION'S RULES.
**RADIO STATION LICENSE**

**Licensee Name:** APPALACHIAN SEARCH & RESCUE CONFERENCE INC

**Radio Service:** IB BUSINESS
**Call Sign:** WNUF658
**Frequency Advisory No./Service Area:**

---

**License Issue Date:** 10/02/1995
**License Expiration Date:** 09/05/2000

---

**APPALACHIAN SEARCH & RESCUE CONFERENCE 1**
**NEWCOMB HALL STATION**
**PO BOX 440**
**CHARLOTTESVILLE VA 22904-0440**

---

**REGULATORY STATUS:** PNRS

---

**Station Technical Specifications**

<table>
<thead>
<tr>
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<td>MOI</td>
<td>100</td>
<td>20KOF3E</td>
<td>100.000</td>
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<td></td>
</tr>
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</table>

**AREA OF OPERATION**

**SITE 1: US STATES: NC VA WV DC MD DE PA NJ**

**CONTROL POINTS:** RM BGC PEABODY HALL UNIVERSITY OF VIRGINIA CHARLOTTESVILLE VA
**CONTROL POINT PHONE:** 804-924-3472

**SPECIAL COND:** SEE ATTACHED #16, SP: THIS FREQUENCY MAY NOT BE UTILIZED WITHIN 75 MILES OF OPERATION ON 151.625 MHZ IN THE CLEAR CREEK DNT AREA.

The latitude/longitude are authorized in North American Datum 1927 (NAD27). Additionally, the antenna height to tip, ground elevation, AAT and area of operation units are authorized in metric.

---

**EMISSION DESIGNATOR(S) CONVERTED TO CONFORM TO DESIGNATOR(S) SET OUT IN PART 2 OF THE COMMISSION'S RULES.**

---

**FEDERAL COMMUNICATIONS COMMISSION**

---

This authorization becomes invalid and must be returned to the Commission if the stations are not placed in operation within eight months, unless an extension of time has been granted. EXCEPTIONS: 1) 800 MHz trunked and certain 800 MHz station licenses cancel automatically if not constructed within 1-year 2) IVDS authorizations automatically cancel if service is not made available in accordance with Section 95.833(a) of the Commission's Rules. 3) There are no time limitations for placing GMRS stations in operation.

---

FCC 574-1 April 1995
RADIO STATION LICENSE

Licensee Name: APPALACHIAN SEARCH RESCUE CONFERENCE INC

Call Sign: KA98783
Radio Service: AA AVIATION AUXILIARY GROUP

License Issue Date: 08/07/1995
License Expiration Date: 08/30/2000

Selective Calling: 836044

Appalachian Search Rescue Conference Inc 950808R 1B 1 1Z
Newcomb Station
Po Box 440
Charlottesville VA 22904

STATION TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>FCC ID</th>
<th>Frequencies</th>
<th>Station Class</th>
<th>Emission Designator</th>
<th>Output Power (Watts)</th>
<th>Hours of Operation</th>
<th>Ground Elevation</th>
<th>Antenna Ht. to Tip</th>
<th>Antenna Latitude</th>
<th>Antenna Longitude</th>
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<tbody>
<tr>
<td>1:</td>
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Area of Operation:
Site 1: US Mobiles in the States VA WV MD NC

Transmitter Number: 2

Station Class: SAR1 Search and Rescue (Mobile)

Emission Designator(s) converted to conform to Designator(s) set out in Part 2 of the Commission's Rules.

FEDERAL COMMUNICATIONS COMMISSION

This license is not transferable and is subject to conditions of grant on reverse.

Transmitters must be type accepted under the appropriate FCC rules for your radio service. Granting of this authorization does not imply that the FCC has accepted or rejected your proposed transmitters. This authorization becomes invalid and must be returned to the Commission if the stations are not placed in operation within eight months, unless an extension of time has been granted.

FCC 452L
July 1994
CONDITIONS OF GRANT

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this authorization, the licensee hereof is authorized to use and operate the radio transmitting facilities described herein by radio communication.

This license is issued on the licensee's representations that the statements contained on the licensee's application are true and that the undertaking therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render service that will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

A corporate licensee of:
A) Public Coast stations,
B) Alaska Public Fixed stations providing a communications service for hire as a common carrier,
C) Aeronautical Enroute stations, or
D) Aeronautical Fixed stations
shall meet and maintain the eligibility requirements regarding alien shareholders, officers and directors contained in Parts 1 and 80 or 87 of the FCC Rules, as applicable, and as reflected on the application on file. If there is a change in the corporate structure to include aliens not shown on the application, the license shall be immediately submitted for cancellation. A new application may then be filed for a determination of eligibility.

Transmitters shall be type accepted as listed in the Commission's "Radio Equipment List" as appropriate for use in the class of station indicated for this authorization unless indicated otherwise in this license.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted herein shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This license is subject to the right of use or control by the Government of the United States conferred by Section 706 of the Communications Act of 1934, as amended.
<table>
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<tr>
<th>FCC No.</th>
<th>Station No.</th>
<th>Class</th>
<th>Emission Designator</th>
<th>Frequency Range</th>
<th>Power Output (w)</th>
<th>Elevation (ft)</th>
<th>Azimuth (deg)</th>
<th>Azimuth to Tip (deg)</th>
<th>Antenna Latitude</th>
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<tr>
<td>1:</td>
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<td>200KFJ</td>
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Site 1: Appalachian Search & Rescue Conference Inc.

Location: WU5F68

Newcomb Hall Station

PO Box 440

Charlottesville, VA 22904-0440

Frequency: 1151.625000-1151.625001

Power Output: 0.000 W

Elevation: 100 ft

Azimuth: 100 deg

Azimuth to Tip: 100 deg

Antenna Latitude: 100 deg

Antenna Longitude: 100 deg

Area of Operation: Virginia

Special Conditions: 1. This station is authorized in metric.
2. The antenna height to tip, ground elevation, and area of operation units are authorized in metric.

Emission Designation(s): CONFORM TO DESIGNATION(S)

CONDITIONS OF GRANT

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this authorization the licensee or permittee hereof is authorized to use and operate the radio transmitting facilities herein described. This authorization shall not vest in the licensee or permittee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein.

Neither this authorization nor the right granted herein shall be assigned or otherwise transferred to any person, firm, company, or corporation except by specific authorization of the Commission.

This authorization is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such service as will serve public interest, convenience, or necessity to the full extent of the privileges herein referred.

This authorization is subject to the right of use or control by the Government of the United States reserved by Section 706 of the Communications Act of 1934, as amended.

FOR FCC USE ONLY
RADIO STATION LICENSE

License Issue Date: 10/02/1991
License Expiration Date: 09/05/2001

pagers: *********

APPALACHIAN SEARCH & RESCUE CONFERENCE INC
NEWCOMB HALL STATION
PO BOX 440
CHARLOTTESVILLE VA 22904-0440

REGULATORY STATUS: PMRS

<table>
<thead>
<tr>
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CA OF OPERATION: 1: US STATES: NC VA WV DC MD DE PA NJ

CONTROL POINT: RM BSC PEABODY HALL UNIVERSITY OF VIRGINIA CHARLOTTESVILLE VA

CONTROL PHONE: 804-924-3472

SPECIAL CONDITION: SEE ATTACHED #16, SP: THIS FREQUENCY MAY NOT BE UTILIZED WITHIN 75 MILES OF OPERATION ON 151.625 MHZ IN THE CLEAR CREEK ONT AREA.

The latitude/longitude are authorized in North American Datum 1927 (NAD27). Additionally, the antenna height to tip, ground elevation, AAT and area of antenna units are authorized in metric.

POSITION DESIGNATOR(S) CONVERTED TO CONFORM TO DESIGNATOR(S) OUT IN PART 2 OF THE COMMISSION'S RULES.

PAGE 1 OF 1

FEDERAL COMMUNICATIONS COMMISSION

This authorization becomes invalid and must be returned to the Commission if the stations are not placed in operation within eight months, unless an extension of time has been granted. EXCEPTIONS: 1) 800 MHz trunked and certain 900 MHz station licenses cancel automatically if not constructed within 1 year. 2) IVDS authorizations automatically cancel if service is not made available in accordance with Section 95.833(a) of the Commission's Rules. 3) There are no time limitations for placing GMRS stations in operation.

FCC 574-L April 1995
CONNDIONS OF GRANT

A. Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, rules, and regulations, the grantee of this license is authorized to use and operate the radio transmitting facilities herein described. This authorization shall not vest in the licensee or any other person the right to operate the station or any right in the use of the frequencies designated in the permit. Any right to operate the station shall consist only of the right to test and operate the transmitting facilities set forth in this authorization and shall be subject to the conditions and requirements set forth in this authorization. The license of the grantee herein described is subject to such conditions and

B. Neither this authorization nor the right granted herein shall be assigned or otherwise transferred to any person, firm, company, or corporation except by specific authorization of the Commission.

C. This authorization is issued on the licensees' representation that the statements contained in licensees' applications are true and that the undertakings therefor contained, so far as they are consistent herewith, will be carried out in good faith. The license shall, during the term of this license, be consistent with and subject to all existing regulations, statutes, and rules, and will be consistent with all regulations, statutes, and rules promulgated after the date of this license.

D. This authorization is subject to the right of use of control by the Government of the United States as amended by Section 706 of the Communications Act of 1934, as amended, and by the provisions of the Communications Act of 1934, as amended, subsequent acts, rules, and regulations.
Radio Station License

**RADIO SERVICE**
Aviation

**FILE NUMBER**
108-AA-L-95

**IDENTIFIER**

**CALL SIGN**
KA 98783

**CLASS OF STATION**
Aeronautical Search and Rescue

**ISSUE DATE**
September 9, 1985

**EXPIRATION DATE**
September 9, 1990

**LOCATION OF TRANSMITTER(S) AT A FIXED LOCATION**

**LOCATION OF AUTHORIZED CONTROL POINT(S)**
(Aplicable to fixed stations only):

**CITY**

**COUNTY**

**STATE**

**LATITUDE**

**LONGITUDE**

**AREA AUTHORIZED FOR TEMPORARY DEPLOYMENT**
Mobi’i in the States of Virginia, West Virginia, Maryland, and North Carolina

**PARTICULARS**

<table>
<thead>
<tr>
<th>FREQUENCY</th>
<th>EMISSION DESIGNATOR</th>
<th>MAXIMUM TRANSMITTER POWER (WATTS)</th>
<th>SPECIAL PROVISION</th>
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<td>123.1 MHz</td>
<td>GA3</td>
<td>10</td>
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<tr>
<td>122.9 MHz</td>
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<td>10</td>
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**NUMBER OF TRANSMITTERS AUTHORIZED**
2

**NAME AND ADDRESS OF LICENSEE**
Appalachian Search & Rescue Conference, Inc.
P.O. Box 440, Newcomb Station
Charlottesville, VA 22904

**THIS LICENSE IS SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE**
NOT TRANSFERABLE

**FEDERAL COMMUNICATIONS COMMISSION**

COPY 1

FCC FORM 452
March 1982
Radio Station License

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO SERVICE: Aviation
FILE NUMBER: 108-AC-L-95
IDENTIFIER: 
CALL SIGN: KA 98783

CLASS OF STATION: Aeronautical Search and Rescue
ISSUE DATE: September 9, 1985
EXPIRATION DATE: September 9, 1990

LOCATION OF TRANSMITTER(S) AT A FIXED LOCATION
LOCATION OF AUTHORIZED CONTROL POINT(S)
(APPLICABLE TO FIXED STATIONS ONLY):

STREET & NUMBER/AIRPORT

CITY
COUNTY
STATE

AREA AUTHORIZED FOR TEMPORARY LOCATIONS:
Mobi'e in the States of Virginia, West Virginia, Maryland, and North Carolina

LATITUDE: 0° N
LONGITUDE: 0° W

PARTICULARS

<table>
<thead>
<tr>
<th>FREQUENCY</th>
<th>EMISSION DESIGNATOR</th>
<th>MAXIMUM TRANSMITTER POWER (WATTS)</th>
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<td>122.9 MHz</td>
<td>6A3</td>
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NUMBER OF TRANSMITTERS AUTHORIZED: 2

PART OF FCC RULES GOVERNING TYPE ACCEPTANCE/OPERATIONS: 87

NAME AND ADDRESS OF LICENSEE:
Appalachian Search & Rescue Conference, Inc.
P.O. Box 440, Newcomb Station
Charlottesville, VA 22904

THIS LICENSE IS SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE
NOT TRANSFERABLE

FEDERAL COMMUNICATIONS COMMISSION

FCC FORM 452
March 1982
COPY 1
| CALL SIGN | 98783R |
| LOCATIONS | \[0x0 to 608x793] |
| RADIO SERVICE | \[0x0 to 608x793] |
| CERTIFICATE OF RENEWAL OF RADIO STATION LICENSE | \[0x0 to 608x793] |
| Mobile in the States of Virginia, \[0x0 to 608x793] |
| 123.1 & 122.9 MHz | \[0x0 to 608x793] |
| Search and Rescue | \[0x0 to 608x793] |
| Appalachian Search & Rescue Conference | \[0x0 to 608x793] |
| P. O. Box 440, Newcomb Station, VA 27904 | \[0x0 to 608x793] |
| INSERT NAME AND MAILING ADDRESS BELOW | \[0x0 to 608x793] |
| Aug. 30, 1995 | \[0x0 to 608x793] |
| \[Signature] | \[Signature] |
CERTIFICATE OF RENEWAL OF RADIO STATION LICENSE

Appalachian Search & Rescue Conference, Inc.

Aero-Station Services

RADIO SERVICE: Search & Rescue

LOCATION OF STATION: Mobile in the States of Virginia, West Virginia, and North Carolina

CITY: Asheville, NC

CITY OF LICENSE: Asheville

CALL SIGN: ASP9

FCC Form 485-A, Page 2

This certificate when properly authenticated, signed, and submitted in accordance with the same provisions for the term ending with the same provisions for the term ending

Aug. 30, 1995

[Signature]

COMMUNICATIONS SECRETARY

Charlottesville, VA

P.O. Box 440, Reedsboro, VT

FCC Form 485-A, Page 2

This certificate when properly authenticated, signed, and submitted in accordance with the same provisions for the term ending

Aug. 30, 1995

[Signature]
## Federal Communications Commission

**Conditions of Grant on Reverse:**

This license is not transferable and is subject to the conditions set out in Part 2 of the Commission's Rules.

### Emission Designator(s)

- NGD (No Grant Designation)

### Station Information

<table>
<thead>
<tr>
<th>Emission Designator</th>
<th>Class</th>
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<th>Operation</th>
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<td>AM</td>
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### Station Specifications

**Station:** 950888

**Address:** Raleigh, NC.

**Dates:**
- 

**Licenses Issued:**
- LI24-Nov-89
- LIC-12-Oct-95

**Radio Transmitter:**
- AM

**Service:**
- AM

**File Number:** 83604A

**Operation:**
- AM

**CNP:**
- LI24-Nov-89
- LIC-12-Oct-95

**Issue Date:**
- LIC-12-Oct-95

**Licensee:**
- Appliance Search Rescue Conference Inc.

**License Plate:** 83604A

**Expiration Date:**
- 08/07/95

**Location:** Raleigh, NC.

**License Number:** 83604A

**Effective Date:**
- 08/07/95

**Term:**
- 08/07/95

**Application:**
- Appliance Search Rescue Conference Inc.
CONDITIONS OF GRANT

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this authorization, the licensee hereof is authorized to use and operate the radio transmitting facilities described herein by radio communication.

This license is issued on the licensee's representations that the statements contained on the licensee's application are true and that the undertaking therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render service that will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

A corporate licensee of:
A) Public Coast stations,
B) Alaska Public Fixed stations providing a communications service for hire as a common carrier,
C) Aeronautical Enroute stations, or
D) Aeronautical Fixed stations
shall meet and maintain the eligibility requirements regarding alien shareholders, officers and directors contained in Parts 1 and 80 or 87 of the FCC Rules, as appropriate, and as reflected on the application on file. If there is a change in the corporate structure to include aliens not shown on the application, the license shall be immediately submitted for cancellation. A new application may then be filed for a determination of eligibility.

Transmitters shall be type accepted as listed in the Commission's "Radio Equipment List" as appropriate for use in the class of station indicated for this authorization unless indicated otherwise in this license.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in this license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted herein shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This license is subject to the right of use or control by the Government of the United States conferred by Section 706 of the Communications Act of 1934, as amended.
1.1 Exemption is granted from the requirement to maintain a continuous listening watch on the frequency 121.500 MHz in accordance with Rule 97.17(a).

1.2 The license shall be modified to permit operation under the following conditions:

1.2.1 The license is subject to the terms and conditions of the contract or until the expiration or modification of the license, whichever is earlier.

1.2.2 Upon modification of the license, the station(s) shall be operated in accordance with the technical characteristics specified in the contract or until the expiration or modification of the license, whichever is earlier.

1.3 The modification is valid until the expiration date of the license or the expiration date of the contract, whichever is earlier.

1.4 The modification is subject to the terms and conditions of the license or the contract, whichever is applicable.

1.5 The modification is subject to the terms and conditions of the contract or until the expiration or modification of the license, whichever is earlier.

1.6 The modification is subject to the terms and conditions of the license or the contract, whichever is applicable.

1.7 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.8 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.9 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.10 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.11 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.12 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.13 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.14 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.15 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.16 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.17 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.18 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.19 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.20 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.21 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.22 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.23 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.24 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.25 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.26 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.27 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.28 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.29 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.30 Communications by this station shall be limited to the necessities of directing aircraft activities.

1.31 Communications by this station shall be limited to the necessities of directing aircraft activities.

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29. For emergency and distress purposes only. (Frequency 121.500 MHz)

30. Antenna structures authorized by the Private Radio Bureau for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 60.96 meters (200 feet) above ground level; provided that the overall height of such antennas more than 6.1 meters (20 feet) above ground, including their supporting structures (whether natural formation or man-made), does not exceed a slope of .3 meters (1 foot) above the established airport elevation for each 30.48 meters (100 feet) of distance or fraction thereof from the nearest boundary of such airport. Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration (FAA) is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission’s Rules. Such notification should be given by filing FAA Form 7480–1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest FAA office.

31. The frequencies within this band are authorized for use in accordance with Part 80 of the Commission’s Rules, including the frequencies required by Rule Section 80.143. (156–158 MHz band range for Ship use only)

32. Under normal operating conditions a power of 1 watt shall be used and under no circumstances may the power exceed 10 watts. (Frequency 156.850 MHz)

33. Stations authorized VHF and/or Single Side Band (SSB) frequencies in the maritime support class of station:
   1. Frequencies to be used for testing only and may not be used for routine communications.
   2. Frequencies must be used only on a secondary non-interference basis to operational maritime communications.
   3. Use of frequencies assigned is limited to one hour in a twenty-four hour period.

34. Any equipment operating on maritime support frequencies that is type accepted/approved for use under Part 80 of the Commission’s Rules.

35. Authorized for communications in connection with National Weather Service (NWS) MAREP Program in support of NOAA services related to maritime safety and efficiency.

36. Limited to 800 watts day power and 400 watts night power. (Frequency 2182 kHz)

37. The authorized output power (watts) is permitted to overcome transmission line, duplexer and filter losses. Power into antenna shall not exceed 80 watts.

38. The frequency 156.525 MHz may be used for digital selective calling ONLY.

39. The use of these frequencies is subject to adjustment if interference is caused to the military.

40. Weather transmission permitted at 7:00 AM and 7:00 PM local time daily, not to exceed three minutes (except special bulletins, which are read as soon as possible after they are received and repeated at two-hour intervals as long as the special condition exists). Brief announcement on 2182 kHz is permitted to advise ships that weather information is about to be given on the public correspondence channels.

41. A1A emission on the "mark" frequency in accordance with Rule Section 80.121(a)(7) for identification and establishing communications.

42. These frequencies to be used for distress and safety communications ONLY.

43. These frequencies available for call and reply.

44. This frequency available for safety and calling ONLY.

45. Authority is granted for the transmission of press material to maritime mobile stations in accordance with the provisions of Rule Section 80.453.

46. Licensees of Aeronautical Advisory (Unicom), Aviation Navigation Land, Automatic Weather Observation, Airport Control Tower, Public Coast and Alaska Public Fixed Stations shall inform the Commission when the service of any of these classes of station commences. Activation notices shall be sent to:
   Federal Communications Commission
   Atrm. Special Services Branch
   1270 Fairfield Road
   Gettysburg, PA 17325–7246

47. Frequency, emission, power and/or coordinates have been changed per the Federal Aviation Administration.

48. Identifier has been changed per the Federal Aviation Administration.

49. Antenna height cannot exceed 6.1 meters (20 feet) above the ground or above the building or tree upon which the antenna is mounted.

50. Unattended operation is authorized in accordance with Section 87.481 of the Rules.

51. Frequency(s) authorized for day use only.

52. Frequency 156.45 MHz authorized as an optional second calling frequency per PR Docket 91–167.

53. Your request for additional frequencies has been taken into consideration. You will receive a reply regarding our decision at a later date.

FCC 452–SC
AUGUST 1993
OBSTRUCTION MARKING AND LIGHTING SPECIFICATIONS
FOR ANTENNA STRUCTURES

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

PAINTING

1 Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and base. The bands shall be equal and approximately one-seventh the height of the structure, provided, however, that the construction does not permit unobstructed visibility of at least one of the lights from aircraft at any normal angle of approach. The light on the top of the tower shall be so adjusted that the lights will be turned on at a height of about thirty-five foot candles and turned off at a height of about fifty-four foot candles. The light on the base shall be so adjusted that the lights will be turned on at a height of about thirty-five foot candles and turned off at a height of about fifty-four foot candles.

2 There shall be installed at the top of the tower at least two 110- or 125-watt lamps (A21/T25) enclosed in aviation red or white globe tubes. The two lights shall be illuminated simultaneously from sunset to sunrise, and the lights shall be positioned so as to insure unobstructed visibility of at least one of the lights from aircraft at any normal angle of approach. A light sensitive control device or an astronomical clock and timer switch may be used to control the obstruction light in lieu of manual control. When a light sensitive control device is used, the lights shall be turned off at a height of about thirty-five foot candles and turned on at a height of about fifty-four foot candles.

3 There shall be installed at the top of the structure one 300 m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to be turned simultaneously, and equipped with aviation red or white filter. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

INTERMEDIATE LIGHTING
(BEACONS)

4 At approximately one-half of the overall height of the tower one similar, flashing 300 m electric code beacon shall be installed in such position within the tower proper that the lights from aircraft will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of the tower at the prescribed height.

5 At approximately two-thirds of the overall height of the tower one similar flashing 300 m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of diagonally opposite corners of the tower at the prescribed height.

6 On levels at approximately two-thirds and one-third of the overall height of the tower one similar flashing 300 m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of diagonally opposite corners of the tower at the prescribed height.

7 On levels at approximately four-sevenths and two-sevenths of the overall height of the tower one similar flashing 300 m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacon from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of diagonally opposite corners of the tower at the prescribed height.

8 On levels at approximately three-fourths, one-half and one-fourth of the overall height of the tower one similar flashing 300 m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of the beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

9 On levels at approximately two-thirds, four-ninths and two-ninths of the overall height of the tower one similar flashing 300 m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of the beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners of the tower at the prescribed height.

10 On levels at approximately four-sixteenths, three-fourths, two-thirds and one-fifth of the overall height of the tower one similar flashing 300 m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of the beacon from aircraft at any normal angle of approach. In the event these beacons cannot be
installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.1 On levels at approximately eight-eighths, six-eighths, four-eighths and two-eighths of the overall height of the tower one smaller or another tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacon from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.2 On levels at approximately five-sixths, two-thirds, one-half, one-third and one-sixth of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacon from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.3 On levels at approximately ten-thirteenths, six-thirteenths, four-thirteenths and two-thirteenths of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacon from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.4 On levels at approximately six-sevenths, four-sevenths, three-sevenths, two-sevenths and one-seventh of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacon from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

(SIDE LIGHTS)

11 At the approximate mid point of the overall height of the tower there shall be installed at least two 116- or 125-watt lamps (A21/TB) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of at least one light at each level from aircraft at any normal angle of approach.

12 On levels at approximately two-thirds and one-third of the overall height of the tower, there shall be installed at least two 116- or 125-watt lamps (A21/TB) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of at least one light at each level from aircraft at any normal angle of approach.

13 On levels at approximately three-fourths and one-fourth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TB) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

14 On levels at approximately five-fifths and one-fifth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TB) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

15 On levels at approximately five-sixths, one-half, and one-sixth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TB) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

16 On levels at approximately six-sevenths, five-sevenths, four-sevenths and one-seventh of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TB) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

17 On levels at approximately seven-eighths, five-eighths, three-eighths and one-eighth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TB) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

18 On levels at approximately eight-ninths, seven-ninths, five-ninths, four-ninths, three-ninths and one-ninth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TB) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

19 On levels at approximately nine-tenths, seven-tenths, one-half, three-tenths and one-tenth of the overall height of the tower, at least one 116- or 125-watt lamp (A21/TB) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

20 All lighting shall be exhibited from sunset to sunrise unless otherwise specified.

21 All lights shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be on from an aircraft at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 28 foot candles.

22 During construction of an antenna structure, for which obstruction lighting is required, at least two 116- or 125-watt lamps (A21/TB) enclosed in aviation red obstruction light globes, shall be installed at the uppermost point of the structure. In addition, as the height of the structure exceeds each level at which permanent obstruction light shall be required, two similar lights shall be displayed nightly from sunset to sunrise until the permanent obstruction light have been installed and placed in operation, and shall be positioned so as to insure unobstructed visibility of at least one of the lights at any point on the structure. In lieu of the above temporary warning lights, the permanent obstruction lighting fixtures may be installed and operated at each level thus as each such level is exceeded in height during construction.
FEDERAL COMMUNICATIONS COMMISSION
FEE SECTION
1270 FAIRFIELD ROAD
GETTYSBURG, PA 17325-7245

Attn: Robert S. Elron
Appalachian Search and Rescue Inc
P.O. Box 440 Newcomb Station
Charlottesville VA 22904

Dear Applicant,

The Commission's records show a deposit made on 1-6-92. This filing received file #259466 and is still in processing.

No further action is required.

Should you have any questions concerning this letter, you may call the Consumer Assistance Branch at (717) 337-1212 for further information.

Thanking you in advance,

[Signature]
Wendy S. Chambers
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<td>□ SIGNATURE (Select one): Applicant, Applicant's Corporation, General Partner of Applicant's Partnership, Individual-Applicant</td>
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<td>□ AUTHORIZED EMPLOYEE OF OFFICIALS OF GOVERNMENTAL OFFICE</td>
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APPLICANT: ROBERT S. ELDRON
POB 440 NEWCOMB STATION
CHARLOTTESVILLE, VA 22904

WE HAVE APPLIED FOR NO EXPANDED LICENSE.

SIGNATURE:

RECEIVED:

920409

FCC 574R1

MAY 1991
NOTICE TO INDIVIDUALS REQUIRED BY THE PAPERWORK ACT OF 1979 AND THE PAPERWORK REDUCTION ACT OF 1980

Regulatory Project (0000-0134), Revision: 3

Federal Communications Commission
1770 F STREET NW
WASHINGTON, DC 20554

6. If the station is no longer in operation, you may file for cancellation of the license in Item 13. No fee is required.

GETTYSBURG, PA 17325-7245
770 FARMFIELD ROAD

LETTER ALONG WITH THE COMPLETED APPLICATION MUST BE SENT AN RS NON-PROFIT DETERMINATION

AND SPECIAL ENERGIZED RADIO SERVICES. NON-PROFIT ENTITIES MUST SEND AN RS NON-PROFIT DETERMINATION

FORM 54- GS BOX 551245
54-080507 (NEW)
FEDERAL COMMUNICATIONS COMMISSION

EMERGENCY RADIO SERVICES MUST MAINTAIN A COMMUNITY DETERMINATION WITH PAYMENT TO:

MDCC PAYABLE TO FCC. DO NOT SEND CASH. FOR PROFESSIONAL OR NON-PROFIT ENTITY IN THE PUBLIC SAFETY AND SPECIAL

INSTITUTIONAL RADIO frequencies and calls on a radio station that is not a part of a daily programming service. In the appropriate boxes in the application, indicate whether you currently use a radio equipment or other.

3. If further information on this form will expire at the expiration date, indicate whether an extension will expire is indicated in Item 9. This form may be used to the for

INSTRUCTIONS
SPECIAL CONDITIONS

1. Reserved.

2. No interference to be caused to co-channel Canadian or adjacent-channel U.S. radio stations.

3. Not to be used at any location north of Line "A" as described in Section 1.855 of the FCC Rules.

4. Antenna height and E.R.P. shall be the minimum required to provide radio coverage up to the Canadian border.

5. Med 1-8 subject to the provisions of Rule Section 90.52(b)(15).

6. This station to be used only for communications between members of the hospital network during times of emergencies.

7. This station is for disaster relief purposes and may only be used to transmit messages in accordance with Rule Section 90.41.

8. For medical ambulance dispatch only. Equipment authorized herein shall not be used in the performance of funeral or other routine operations.

9. Limited for coordinated use in cooperation with hospitals authorized on this frequency.

10. To be used for ambulance and rescue squad work only.

11. For inter system operations only.

12. Operations authorized in accordance with the Railroad Frequency Assignment Plan.

13. Authorized in accordance with Rule Section 90.176.

14. Licensee has 90 days to continue operating under previous authorization.

15. Reserved.

16. Operations onboard aircraft are subject to the limitations set forth under Rule Section 90.423(a).

17. For nationwide use limited by Rule Section 90.19(e) (14). (Frequency 155.475 MHz).

18. For inter system communications as limited by Rule Section 90.19(g) (4).

19. Telephone Interconnection with the wireline facilities of a telephone company is not authorized.

20. This system may not be used for fixed service purposes.

21. Telephone Interconnection with the wireline facilities of a telephone company is authorized subject to the provisions of Rule Sections 90.476 through 90.483 as appropriate.

22. This grant does not extend the period within which you must place the station in operation or meet loading requirements. That period begins from the date of your original authorization.

23. This license is for demonstration purposes only and may not be used for day to day business activity. This system is for secondary use and the mobiles licensed herein will not count toward the total mobile loading of these frequencies.

24. Maximum allowable E.R.P. for control/mobile stations is 100.

25. Reserved.

26. This license utilizes shared facilities.

27. This is a shared use system.

28. 806-821 MHz may be used under parameters of Dockets 79-191 and 18262. (See Part 90, Subparts M & S).

29. 806-821 MHz and 851-866 MHz may only be used under the parameters of Dockets 79-191 and 18262. (See Part 90, Subparts M & S).

30. 470-512 MHz may be used only under the parameters of Docket 18263. (See Part 90, Subpart L).

31. The use of radio for demonstration purposes in connection with the sale of radio equipment is limited by the following conditions:

a. The equipment shall be under the control of the licensee at all times. Purchasers or prospective customers shall not be permitted to operate the equipment in any manner in the absence of authorized employees of the licensee.

b. No person other than the licensee shall use the assigned call signs.

c. No representation shall be made by the licensee to any person that a radio transmitter may be utilized prior to the issuance of an authorization by the Commission.

d. Demonstration of radio equipment and/or coverage surveys should be completed within a single day.

e. Equipment demonstrated under the terms of this license shall be on frequencies available under Part 90 of the Rules.

f. The technical parameters of the radio service in which the frequency(s) allocated shall be observed.

32. Special Condition for operating interconnected facilities under the provisions of Rule Section 90.261: These frequencies are authorized on a secondary non-interference basis to mobile operations considered to be emergency operations resulting from operation on these frequencies will be cause for cancellation. The provisions of Rule Section 90.261 governing antenna directivity and minimum mileage criteria from urbanized areas must be strictly complied with. Antenna structures must fully meet the requirements of Special Condition #35. Transmissions must directly relate to those activities which constitute the licensee's eligibility. Personal communications are expressly forbidden.

33. Special Condition for operating interconnected facilities under the provisions of Rules Section 90.267: These frequencies are authorized for use on a secondary non-interference basis to regularly assigned adjacent channel operations at a maximum of two watts output power; interference resulting from operation on these frequencies will be cause for cancellation. The provisions of Rule Section 90.267 must be strictly complied with. Directional antennas must be used and their installed height may not exceed twenty (20) feet above ground. Transmissions must directly relate to those activities which constitute the licensee's eligibility. Personal communications are expressly forbidden.

34. 800 MHz Loading and Construction Instructions — This authorization is issued subject to these conditions. If this facility is not constructed within one year of the date of this grant, and has not been authorized an extended construction period, the license cancels automatically. If the two year, three year or five year mobile loading requirements applicable to this system (see 90.366 or 90.631, as appropriate) are not met, and if waiting lists for trunked frequencies exist in your geographic area of operation, this license cancels automatically. The Commission will, however, in these circumstances consider authorizing you for one channel (frequency pair) for each existing 100 mobile stations, or fraction thereof, operating on your previously authorized frequencies.

35. Antenna structures for land, base and fixed stations authorized in the Private Radio Bureau for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 200 feet above ground level; provided that the overall height of such antennas more than 20 feet above ground, in excess of supporting structures (whether natural formation or man-made), does not exceed a slope of 1 foot above the established airport elevation for each 100 feet of distance or fraction thereof from the nearest boundary of such airport. Any antenna to be erected in excess of the foregoing limitations must be approved by the Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 200 feet above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.

36. This license is issued subject to the following condition: Grant of this license is predicated upon Canadian indication that no harmful interference is anticipated to existing Canadian stations. Canada's determination was based upon the results of actual field test transmissions. If interference should arise due to operation of this station In non-conformance with the technical parameters actually employed in conducting the field test transmissions, this license shall automatically cancel and subsequent operations would be unlicensed.

37. Reserved.

38. Authorized on a secondary basis.

39. Any renewal of this authorization will require that the Commission re-coordinate with IRAC.

40. For inter system communication as limited by Rule Section 90.21(c)(2).

41. A license issued to a corporation or an association may not be used for personal communications; Rule Section 95.179(b).
## Radio Station License

**United States of America**
**Federal Communications Commission**

### Radio Service
- **Aviation**

### File Number
- 108- AA- L- 95

### Identifier
- KA 98783

### Class of Station
- Aeronautical Search and Rescue

### Issue Date
- September 9, 1985

### Expiration Date
- September 9, 1990

### Location of Transmitter(s) at a Fixed Location
- **Location of Authorized Control Point(s)**
- (Applicable to fixed stations only):

### Area Authorized for Temporary Locations
- Mobile in the States of Virginia, West Virginia, Maryland, and North Carolina

### Particulars

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Emission Designator</th>
<th>Maximum Transmitter Power (Watts)</th>
<th>Special Provision</th>
</tr>
</thead>
<tbody>
<tr>
<td>123.1 MHz</td>
<td>6A3</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>122.9 MHz</td>
<td>6A3</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

### Number of Transmitters Authorized
- 2

### Part of FCC Rules Governing Type Acceptance/Operations
- 87

### Name and Address of Licensee
- Appalachian Search & Rescue Conference, Inc.
- P.O. Box 440, Newcomb Station
- Charlottesville, VA 22904

### This License is Subject to the Conditions on the Reverse Side
- NOT TRANSFERABLE

### Federal Communications Commission
- FCC FORM 452
- March 1982

**COPY 1**
CONDITIONS OF GRANT

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities described hereon by radio communication.

If this authorization is for a station located at a fixed location it must meet the following antenna criteria unless different antenna criteria is indicated on the front of this license:

(a) Antenna and its supporting structure may not exceed 20 feet above ground.

(b) Antenna may be mounted on an existing man-made structure, other than antenna tower, provided the antenna does not extend more than 20 feet above the structure.

If this authorization is for a station to be operated at temporary unspecified locations, the antenna structure may be erected without specific prior approval of the Commission where such antenna structure does not exceed a height of 200 feet above ground level; provided that the over-all height of such antenna more than 20 feet above ground, including the supporting structure (whether natural formations or man-made), does not exceed a slope of 1 foot above the established airport elevation for every 100 feet of distance or fraction thereof from the nearest boundary of such airport.

In cases where the transmitter is authorized to be operated from temporary fixed locations and the area authorized is located in two or more FCC districts, the station licensee shall notify the Commission's Engineers in Charge of the respective districts when the station is moved from one district to another for use and operation. Such notification shall, if practicable, be given prior to such change in location, but in any event not later than forty-eight hours thereafter.

This license is issued on the licensee's representation that the statements contained on the licensee's application are true and that the undertaking therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render service that will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

A corporate licensee of:

(1) Public Coast stations,
(2) Alaska-Public Fixed stations providing a communication service for hire as a common carrier,
(3) Aeronautical Enroute stations,
(4) Aeronautical Fixed stations

shall meet and maintain the eligibility requirements regarding alien shareholders, officers and directors contained in Sections 81.23 or 87.3 of the Commission's rules, as appropriate, and as reflected on the application on file. If there is a change in the corporate structure to include aliens not shown on the application, the license shall be immediately submitted for cancellation. A new application may then be filed for a determination of eligibility.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

The station authorized by this license must be placed in operation within eight months from the date of grant or the authorization shall be invalid and must be returned to the Commission for cancellation. Once the station has commenced operations, any discontinuance, reduction, or impairment of service shall be reported and permission obtained, if necessary, in accordance with applicable FCC Rules and Regulations.

When the number of transmitters authorized and the Part of the Commission's Rules which govern type acceptance are indicated on the front of this license, transmitters shall be type accepted as listed in the Commission's "Radio Equipment List" as appropriate for use in the class of station indicated for this authorization.

Licenses of Public Coast, Aeronautical Advisory (Unicom) and Radio Navigation land stations shall inform the Commission when the service of any of these class of stations commences. Activation notices shall be sent to:

1. Federal Communications Commission
   Attn: Aviation and Marine Branch
   Gettysburg, PA. 17325

2. The Engineer in Charge of the Radio
   District in which the station is located. Consult Part O, Section
   0.121 of the Commission's rules for
   the mailing address.
**CERTIFICATE OF RENEWAL OF RADIO STATION LICENSE**

**NAME OF LICENSEE**
Appalachian Search & Rescue Conference, Inc.

**FORMER NAME OF LICENSEE**

**LOCATION OF TRANSMITTER(S)**
Mobile in the States of Virginia, West Virginia, and North Carolina

**RADIO SERVICE**
Aviation

**CLASS OF STATION(S)**
Aeronautical Search and Rescue

**CALL SIGN**
KA 98783

**FILE NUMBER**
108-AA-L-95

**INSERT NAME AND MAILING ADDRESS BELOW**

Appalachian Search & Rescue Conference
P. O. Box 440, Newcomb Station
Charlottesville, VA 22904

**ATTN:** Communications Secretary

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE, TITLE 18, SECTION 1001.**

**FCC Form 405-A, Copy 2**
June 1987

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This certificate, when properly authenticated, serves as a renewal of the reference radio station license on the same conditions and in accordance with the same provisions for the term ending:

Aug. 30, 1995

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This authorization shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term hereof, nor in any other matter than authorized therein. Neither the license nor the right granted herein shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This authorization is subject to the right of use or control by the Government of the United States conferred by Section 806 of the Communications Act of 1934, as amended.
<table>
<thead>
<tr>
<th>Frequencies</th>
<th>Channel No. of Transmitters</th>
<th>Channel Emission</th>
<th>1st Output Power Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>145.160</td>
<td>20F3 30 Mobile</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>145.340</td>
<td>20F3 30 Mobile</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>145.280</td>
<td>20F3 30 Mobile</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>145.400</td>
<td>20F3 30 Mobile</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>145.205</td>
<td>20F3 30 Mobile</td>
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<td></td>
</tr>
<tr>
<td>145.775</td>
<td>20F3 10 Mobile</td>
<td>2.5</td>
<td></td>
</tr>
</tbody>
</table>

Coordinated Use in Cooperation with Hospitals Authorized on this Frequency:

This authorization effective September 11, 1981 and will expire September 11, 1986.

Further conditions as set forth in reverse side. If the station is not in operation within 8 months, this authorization becomes void and must be returned to the Commission for cancellation unless extensions of completion date has been authorized.

Federal Communications Commission
Chief, Safety & Special Radio Services Bureau

Special Emergency

APPALACHIAN SEARCH AND RESCUE CONFERENCE INC.

P.O. Box 243
Stafford, VA 22554

Conditions of Grant:
A. Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, treaties, and all regulations heretofore or hereafter made by the Commission, and further subject to the conditions and requirements for form in the authorization the licensee or permittee hereof is authorized to use and operate the radio transmitting facilities herein described. This authorization shall vest in the licensee or permittee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term thereof, nor in any other manner than authorized herein.

B. Neither the authorization nor the right granted herein shall be assigned or otherwise transferred to any person, firm, company, or corporation except by special authorization of the Commission.

C. This authorization is issued on the licensees' representation that the statements contained in licensee's application are true and that the undertakings herein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such services as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

D. This authorization is subject to the right of use or control by the Government of the United States conferred by Section 605 of the Communications Act of 1934, as amended.
**RADIO STATION LICENSE**

**Licensee Name:** APPALACHIAN SEARCH AND RESCUE INC.

**Radio Service:** PS

**File Number:** E91721277

**Call Sign:** CPAS-942

**Frequency Advisory Number:** 2

**Frequency Band:** VHF

**No. of Mobiles by Category:**

<table>
<thead>
<tr>
<th>Emis. Designation</th>
<th>No. of Units</th>
<th>Station Class</th>
<th>Service Frequency (MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>EQK0F13F</td>
<td>10</td>
<td>155.7750</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>155.8000</td>
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<td></td>
<td>50</td>
<td>155.8250</td>
</tr>
<tr>
<td></td>
<td></td>
<td>70</td>
<td>155.8500</td>
</tr>
</tbody>
</table>

- **Output Power (Watts):** 500
- **E.R.P. (Watts):** 10
- **Antenna Height:** 10
- **To Tip:** 10
- **Antenna Latitude:** 10
- **Antenna Longitude:** 10

**Notes:**
- **Area of Operation:** US States
- **Special Conditions:** See attached (515.341 155.400)

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**FCC 57th Annual Report and Order on Universal Licensing System and Universal Service Objectionable: 1 OF 1**
**RADIO STATION LICENSE**

**License Name:** APPALACHIAN SEARCH AND RESCUE INC
**Radio Service:** PS SPECIAL EMERGENCY
**Call Sign:** KAF134A2
**File Number:** 870212734
**License Issue Date:** 7/2/80
**License Expiration Date:** 4/1/81

<table>
<thead>
<tr>
<th>Station Technical Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td><strong>Power</strong></td>
</tr>
<tr>
<td>155.3-1600</td>
<td>10</td>
</tr>
<tr>
<td>155.3-4000</td>
<td>30</td>
</tr>
<tr>
<td>155.3-2000</td>
<td>50</td>
</tr>
<tr>
<td>100.0-500</td>
<td>100</td>
</tr>
<tr>
<td>100.0-000</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>FCC No.</strong></th>
<th><strong>Station Class</strong></th>
<th><strong>E. R. P. (Watt)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>A</td>
<td>2,500</td>
</tr>
<tr>
<td>30</td>
<td>B</td>
<td>10,000</td>
</tr>
<tr>
<td>50</td>
<td>C</td>
<td>10,000</td>
</tr>
</tbody>
</table>

**Address:** UNIVERSITY OF VIRGINIA CHARLOTTESVILLE VA
**ZIP Code:** 22904

**Control Points:**
- POB 4 CHARLOTTESVILLE VA
- POB 1 CHARLOTTESVILLE VA

**Special Conditions:**
- See attached #9 (155-340 155-400)

**Notes:**
- This license is valid until April 1, 1981.
- Renewal of this license will require approval by the Federal Communications Commission.
- The license will be cancelled if not renewed within one year.

**Revisions:**
- July 1981
- June 1981
- January 1981

**FEDERAL COMMUNICATIONS COMMISSION**
<table>
<thead>
<tr>
<th>FCC Class</th>
<th>Station Class</th>
<th>Station Callsign</th>
<th>Primary Stations</th>
<th>Secondary Stations</th>
<th>E.P.R. (Watts)</th>
<th>No. of Antenna Lines</th>
<th>Elevation To Antenna (Feet)</th>
<th>Antenna Longitude</th>
<th>Antenna Latitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1752160030</td>
<td>15522000030</td>
<td>15524000030</td>
<td></td>
<td>10</td>
<td>2,500</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1752160030</td>
<td>15522000030</td>
<td>15524000030</td>
<td></td>
<td>30</td>
<td>10,000</td>
<td>0</td>
<td></td>
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<td>1</td>
<td>1752160030</td>
<td>15522000030</td>
<td>15524000030</td>
<td></td>
<td>50</td>
<td>10,000</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1752160030</td>
<td>15522000030</td>
<td>15524000030</td>
<td></td>
<td>100</td>
<td>10,000</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Station Technical Specifications**

**Frequency Advisory Number:** KA19E2

**Number of Mobiles by Category:**

- X: 1
- Y: 2
- Z: 3

**Special Conditions:**

- The station must operate under the provisions of Part 89 of the FCC Rules.
- Operations are limited to the areas specified in the license.
- The station must maintain strict control over all transmitters and receivers.

**Control Points:**

- U.S. Army
- Peabody Hall
- University of Virginia
- Charlottesville, VA

**Additional Notes:**

- The station must comply with all Federal and State regulations.
- Licensee must ensure all equipment is properly licensed and maintained.

**License Information:**

- Licensee Name: Appalachian Search and Rescue Inc.
- Licensee Address: 1602 Hillside Drive, Charlottesville, VA 22904
- License Class: G
- License Term: 2-14-94 to 2-14-99
- License Expiration Date: 2-14-99
- FCC Date: 1-1-94

**FCC Information:**

- Application Number: 87M3212374
- Assignment Date: 8-7-93
- Special Emergency Service: Yes

**Additional Information:**

- This authorization becomes invalid if it is not renewed by the Commission on or before the expiration date.
- Any change in the station's technical or operational characteristics must be reported to the Commission.

**Certification:**

- I, the undersigned, certify that I am the proper person to execute this document.

**Signature:**

[Signature]

**Date:**

[Date]

**Location:**

Charlottesville, VA
**RADIO STATION LICENSE**

<table>
<thead>
<tr>
<th>RADIO SERVICE</th>
<th>IDENTIFIER</th>
<th>CALL SIGN</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVIATION</td>
<td>118-AAA-L-47</td>
<td>KD 2761</td>
</tr>
</tbody>
</table>

**LOCATION OF Transmitter as a FIXED LOCATION**

- **DATE:** July 29, 1977
- **LOCATION:** Mobile in the States of Maryland, Virginia and West Virginia

**FREQUENCY**

<table>
<thead>
<tr>
<th>FREQUENCY</th>
<th>DESIGNATOR</th>
<th>MAXIMUM TRANSMITTER POWER (WATTS)</th>
<th>SPECIAL PROVISION</th>
</tr>
</thead>
<tbody>
<tr>
<td>122.9 MHz</td>
<td>6A3</td>
<td>87.441(c), 87.443(a)</td>
<td></td>
</tr>
<tr>
<td>123.1 MHz</td>
<td>6A3</td>
<td>87.441(a), 87.443(a)</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL INFORMATION**

It is necessary that you specify the manufacturer + type number of the transmitters capable of 50 watt power; therefore your license has been granted for 10 type accepted transmitters with 10 watt power. The frequency 121.5 MHz in an emergency + distress frequency and a statement of need for this frequency must accompany your application; since, such a statement was not included, the frequency 121.5 MHz has not been included in this authorization.

☐ The transmitter indicated above is not acceptable for use under the conditions of the enclosed authorization. The Commission's "Radio Equipment List" contains a list of transmitters acceptable for use in the radio service for which you applied. The enclosed license indicates the part of the service which governs type acceptance. Please furnish the Commission with the type number and manufacturer of an acceptable transmitter to be used in conjunction with the enclosed license.
Mobile in the States of Maryland, Virginia and West Virginia

PARTICULARS

FREQUENCY EMISSION DESIGNATOR MAXIMUM TRANSMITTER POWER (WATTS) SPECIAL PROVISION

122.9 MHz 6A3 87,461(c), 87,463(a)
123.1 MHz 6A3 87,461(a), 87,463(a)

GRANT-IN-PART LETTER

Appalachian Search and Rescue Conference, Incorporated
2617 Jefferson Drive
Alexandria, Virginia 22303

Dear Sir,

The paragraphs checked below are applicable to the enclosed authorization.

1. [ ] The enclosed authorization is a partial grant of your application. The frequency or frequencies below are not assigned to you.

2. [ ] The enclosed authorization is a partial grant of your application. The frequency or frequencies listed below are not assigned to you.

3. [X] The enclosed authorization is a partial grant of your application. The reasons for the partial grant are explained below.

If you do not want to operate the station as authorized, you may ask us to reconsider our decision or you may reject the authorization. Each of these actions is explained on the reverse side of this letter along with the procedure you must follow if you decide to pursue one of them. You also have the option to withdraw your application for the radio station. If you want to do this, return the authorization to us along with a signed letter stating your decision not to be a licensee.

ADDITIONAL INFORMATION

It is necessary that you specify the manufacturer + type number of the transmitters capable of 50 watts power; therefore your license has been granted for 10 type accepted transmitters with 10 watts power. The frequency 121.5 MHz is an emergency + distress frequency and a statement of need for this frequency must accompany your application; since, such a statement was not included, the frequency 121.5 MHz has not been included in this authorization.

[ ] The transmitter indicated above is not acceptable for use under the conditions of the enclosed authorization. The Commission's "Radio Equipment List" contains a list of transmitters acceptable for licensing in the radio service for which you applied. The enclosed license indicates the part of the rules which governs type acceptance. Please furnish the Commission with the type number and manufacturer of an acceptable transmitter to be used in conjunction with the enclosed license.
COMMUNICATIONS OFFICER

General:
Maintain constant operational readiness of all radios (including ELT locating devices) and associated electrical and storage equipment. Keep track of condition and location of all such equipment. Repair, replace, recharge and restock as appropriate.

Inspection:
Inspect all radio equipment within 24 hrs. of use on training sessions or missions. Ensure that all radio equipment signed out in the Locker Log is returned. Obtain a copy of the Commo Equipment Log to ascertain if any equipment is damaged and to track down missing equipment. If a log was not kept or is not accessible, consult with the leader of the event. Prominently mark any off-line equipment with black tape and repair or replace it quickly. Recharge any used rechargeable batteries and replace drained alkaline batteries.

Cycling:
Cycle all NiCad batteries every two months. Maintain the Battery Cycling Log.

Stock:
Maintain a stock of alkaline batteries in waterproof containers in the refrigerator. This stock should be sufficient at all times to replace all on-line alkaline batteries for radios (including ELT locating devices) and pagers (consult with Alert/Dispatch Coordinator).

Information:
Keep sheets containing charging, frequency and programming information updated and filed with each container. Provide copies to the Operations Officer for inclusion in the ops kits.

New Equipment:
Buy new communications equipment as mandated by budget in coordination with Finance Officer. Notify group when new equipment is on-line. Ensure that all members are trained in the use and care of new equipment. Suggest items for immediate purchase or inclusion on the next budget, as appropriate.

Inventory:
Assist in annual inventory each September and April as directed by Operations Officer. Keep an updated box inventory in each radio box.
Training:
Assist Training Officer in familiarizing trainees with radio protocol and all group communications equipment, including both its use and care. Ensure that proper radio protocol is used in all training and fundraising events.
Blue Ridge Mountain Rescue Group
RADIO GUIDELINES

RADIOS (Hand-held and/or Base) are taken to the search by a QRT or any response thereafter if requested by base. Take the appropriate radio case(s).

Note: BLACK case = ICOM and GREY case = MOTOROLA
Take Base Radio Mast AND Antenna

HARNESSES taken to the search will be used by field teams. Use appropriate harnesses for Icoms or Motorolas as indicated on the harness bags.

COMMEO EQUIPMENT LOGS record the assignment and return of all radios, batteries and harnesses during a search. Sign out 2 batteries per radio. Logs are located in the BRMRG OPS kits. Return completed logs to BRMRG for future reference.

RADIOS are assembled by attaching the ANTENNA FIRST then the battery. Channel frequency assignments are listed on another sheet available in the BRMRG OPS kits.

BATTERY GUIDELINES
for the FIELD

ICOM and MOTOROLA quick-chargers are available for charging batteries during a mission. Both units charge six batteries at a time. The ICOM charger is in the green case. The MOTOROLA charger is in the orange duffel bag. TAKE the appropriate quick-charger when bringing radios to a search.

CHARGING: The quick-charger recharges a discharged battery within 6 hours. Then the charger continues trickle charging. Quick-charging reduces the life of a battery more so than regular charging. Note: "Shorter life when hotter charge." Nevertheless quick-charging is often necessary in the field. Charging with the battery attached to the radio is possible as long as the radio is turned OFF.

VOLTMETERS, included with the chargers, are used to check voltages after charging.

<table>
<thead>
<tr>
<th>Battery Type</th>
<th>Voltage Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOTOROLA</td>
<td>10.0 to 11.1 volt</td>
</tr>
<tr>
<td>ICOM CM-7</td>
<td>13.2 to 14.5 volt</td>
</tr>
<tr>
<td>ICOM CM-8</td>
<td>8.4 to 9.5 volt</td>
</tr>
<tr>
<td>ICOM CM-12</td>
<td>12.0 to 15.5 volt</td>
</tr>
<tr>
<td>(Blue Label: DO NOT CHARGE!)</td>
<td></td>
</tr>
<tr>
<td>Base Radio/Repeater</td>
<td>11.5 to 13.1 volt</td>
</tr>
</tbody>
</table>

BASE RADIOS should be plugged in during use whenever possible. Leave the lid ajar when storing the base radio; this prevents hydrogen gas build-up!

"USED" TAPE is applied to discharged batteries so they can be cycled/charged upon return to the BRMRG locker. DO NOT place tape on battery contacts.

MLB
September 30, 1996

Blue Ridge Mountain Rescue
440 Newcomb Hall Station
Charlottesville, VA
22904

Dear Lauren,

Please find below the quote that OFM is submitting for your Uninterruptible Power Supply (UPS). We have included two models, the 280VA and the 420VA. The ratings indicate the amount of power that may be drawn from the UPS. If you are using a 486 with a 14 inch monitor, the 280VA should be sufficient. If you are using a 586, especially with a larger monitor, we recommend the 420VA. If in doubt, choose the higher rated UPS. One that is rated too low for your needs will not work, while one that is rated higher than what you need will give you longer run time on battery power.

To order, please initial on the lines provided and mail this document back to us with payment (or drop it off at our office on Commonwealth drive). We will then order your UPS and call (or send e-mail) when you can pick it up at our office. If you have any questions, please call me at 973-1523.

Sincerely,
Jim Burtoft

1) **BEST PATRIOT 280VA UPS**

   Unit Cost: $99.00

Please approve the item above with your initials __________

2) **BEST PATRIOT 420VA UPS**

   Unit Cost: $149.00

Please approve the item above with your initials __________

**The unit costs above do not reflect applicable sales tax. Non-profit organizations are required to provide a copy of their tax exempt certificate for OFM’s records.**

**The prices above reflect a 4% cash discount**
Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

Licensee: Appalachian Search & Rescue Conference, Inc.

COMMUNICATIONS OFFICER
APPALACHIAN SEARCH & RESCUE CONFERENCE,
INC.
BOX 440 NEWCOMB HALL STATION
PO BOX 6536
CHARLOTTESVILLE VA 22906-6536

Grant Date 03-05-1999  Effective Date 05-11-2004  Expiration Date 06-01-2004  Print Date 05-11-2004

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1
Area of Operation: SOUTH OF LINE A US

Loc. 2
Area of Operation: SOUTH OF LINE A US

Antennas

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Conditions:
Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 606.
Antenna structures for land, base and fixed stations authorized by the Wireless Telecommunications Bureau for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 60.96 meters (200 feet) above ground level, provided that the overall height of such antennas more than 6.10 meters (20 feet) above ground, including their supporting structures (whether natural formation or man-made), do not exceed any of the slope ratios set forth in Section 17.7(b). Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application
for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.

USE LIMITED TO THE PURPOSES AND CONDITIONS APPLICABLE TO THE RESPECTIVE FREQUENCIES. SEE RULES 90.27 AND 90.53.
RADIO STATION LICENSE

Licensee Name: APPALACHIAN SEARCH RESCUE CONFERENCE INC

Call Sign: KA98783
Radio Service: AA AVIATION AUXILIARY GROUP
License Issue Date: 08/07/1995
License Expiration Date: 08/30/2000
Selective Calling: File Number: 836044
CP Number: Geographic Marine: Aviation Identifier: Coast Identity:

APPALACHIAN SEARCH RESCUE CONFERENCE INC 950808R 18 1 1Z
NEWCOMB STATION
PO BOX 440
CHARLOTTESVILLE VA 22904

STATION TECHNICAL SPECIFICATIONS

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<th>FCC ID</th>
<th>Frequencies</th>
<th>Station Class</th>
<th>Emission Designator</th>
<th>Output Power (Watts)</th>
<th>Hours of Operation</th>
<th>Ground Elevation</th>
<th>Antenna Ht. to Tip</th>
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AREA OF OPERATION
SITE 1: US MOBILES IN THE STATES VA WV MD NC
1: TRANSMITTER NUMBER 2
STATION CLASS: SAR1 SEARCH AND RESCUE (MOBILE)

EMISSION DESIGNATOR(S) CONVERTED TO CONFORM TO DESIGNATOR(S) SET OUT IN PART 2 OF THE COMMISSION'S RULES.

FEDERAL COMMUNICATIONS COMMISSION

THIS LICENSE IS NOT TRANSFERABLE AND IS SUBJECT TO CONDITIONS OF GRANT ON REVERSE

TRANSMITTERS MUST BE TYPE ACCEPTED UNDER THE APPROPRIATE FCC RULES FOR YOUR RADIO SERVICE. GRANTING OF THIS AUTHORIZATION DOES NOT IMPLY THAT THE FCC HAS ACCEPTED OR REJECTED YOUR PROPOSED TRANSMITTERS. THIS AUTHORIZATION BECOMES INVALID AND MUST BE RETURNED TO THE COMMISSION IF THE STATIONS ARE NOT PLACED IN OPERATION WITHIN EIGHT MONTHS, UNLESS AN EXTENSION OF TIME HAS BEEN GRANTED.

FCC 452L
JULY 1994
CONDITIONS OF GRANT

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this authorization, the licensee hereof is authorized to use and operate the radio transmitting facilities described herein by radio communication.

This license is issued on the licensee's representations that the statements contained on the licensee's application are true and that the undertaking therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render service that will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

A corporate licensee of:
A) Public Coast stations,
B) Alaska Public Fixed stations providing a communications service for hire as a common carrier,
C) Aeronautical Enroute stations, or
D) Aeronautical Fixed stations
shall meet and maintain the eligibility requirements regarding alien shareholders, officers and directors contained in Parts 1 and 80 or 87 of the FCC Rules, as appropriate, and as reflected on the application on file. If there is a change in the corporate structure to include aliens not shown on the application, the license shall be immediately submitted for cancellation. A new application may then be filed for a determination of eligibility.

Transmitters shall be type accepted as listed in the Commission's "Radio Equipment List" as appropriate for use in the class of station indicated for this authorization unless indicated otherwise in this license.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted herein shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This license is subject to the right of use or control by the Government of the United States conferred by Section 706 of the Communications Act of 1934, as amended.
RADIO STATION LICENSE

Licensee Name: APPALACHIAN SEARCH & RESCUE CONFERENCE INC
Radio Service: IB BUSINESS
Call Sign: WNUF658
Frequency Advisory No./Service Area:

License Issue Date: 09/07/2000
License Expiration Date: 09/05/2005

APPALACHIAN SEARCH & RESCUE CONFERENCE I
NEWCOMB HALL STATION
PO BOX 440
CHARLOTTESVILLE VA 22901-0001

REGULATORY STATUS: PMRS

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AREA OF OPERATION:
SITE G: US STATES: NC VA WV DC MD DE PA NJ

CONTROL POINTS: RM BCC PEABODY HALL UNIVERSITY OF VIRGINIA CHARLOTTESVILLE VA
CONTROL POINT PHONE: 804-924-3472

SPECIAL COND: THIS FREQUENCY MAY NOT BE UTILIZED WITHIN 75 MILES OF OPERATION ON 151.625 MHZ IN THE CLEAR CREEK ONT AREA.

The latitude/longitude are authorized in North American Datum 1927 (NAD27). Additionally, the antenna height to tip, ground elevation, AAT and area of operation units are authorized in metric.

EMISSION DESIGNATOR(S) CONVERTED TO CONFORM TO DESIGNATOR(S)
SET OUT IN PART 2 OF THE COMMISSION'S RULES.

PAGE 1 OF 1

This authorization becomes invalid and must be returned to the Commission if the stations are not placed in operation within eight months, unless an extension of time has been granted. EXCEPTIONS: 1) 800 MHz trunked and certain 900 MHz station licenses cancel automatically if not constructed within 1 year. 2) IVDS authorizations automatically cancel if service is not made available in accordance with Section 95.833(a) of the Commission's Rules. 3) There are no time limitations for placing GMRS stations in operation.
This authorization is subject to the right of use or control by the Government of the United States conferred by Section 705 of the Communications Act of 1934, as amended.

A. Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, rules, and regulations promulgated or hereafter made by the Commission and further subject to the conditions and requirements set forth in this authorization the licensee of permittee is authorized to use and operate the radio transmitting facilities hereinafter described. This authorization shall not vest in the licensee or permittee any right to operate the station nor any right in the use of the frequencies designated in the permit. Any right to operate the station nor any right in the use of the frequencies designated in the permit shall vest in the Government of the United States.

B. Neither this authorization nor the right granted hereunder shall be assigned or otherwise transferred to any person, firm, company or corporation except by specific authorization of the Commission.

C. This authorization is issued on the conditions, representations and statements contained in the license.

D. The operation is subject to the will of the public interest, convenience, or necessity of the full extent of the privileges hereunder. If the license or the license can be cancelled by the Government or the subscriber or the carrier of the Government or the subscriber or the carrier of the Government. The holder of this license, or any right held by the holder of this license, is subject to the conditions and requirements set forth in this authorization

FOR FCC USE ONLY

CONDITIONS OF GRANT
RADIO STATION LICENSE

Licensee Name: APPALACHIAN SEARCH AND RESCUE CONFERENCE INC

Radio Service: PM EMERGENCY MEDICAL
Call Sign: WPEZ758
Frequency Advisory No./Service Area: VA4II03853

File Number: 9903R370963
License Issue Date: 03/05/1999
License Expiration Date: 06/01/2004

APPALACHIAN SEARCH AND RESCUE CONFERENCE
COMMS SECRETARY
BOX 440 NEWCOMB HALL STATION
CHARLOTTESVILLE VA 22904-0440

990305U 29 1 2R

REGULATORY STATUS: PMRS

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AREA OF OPERATION
SITE G: US NATIONWIDE: SOUTH OF LINE A

CONTROL POINT PHONE: 804-924-3472

This authorization becomes invalid and must be returned to the Commission if the stations are not placed in operation within eight months, unless an extension of time has been granted. EXCEPTIONS: 1) 800 MHz trunked and certain 900 MHz station licenses cancel automatically if not constructed within 1 year; 2) (fD authorization automatically cancel if service is not made available in accordance with Section 95.833(a) of the Commission's Rules); 3) there are no time limitations for placing GMRS in operation.
CONDITIONS OF GRANT

A. Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this authorization the licensee or permittee hereof is authorized to use and operate the radio transmitting facilities herein described. This authorization shall not vest in the licensee or permittee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein.

B. Neither this authorization nor the right granted herein shall be assigned or otherwise transferred to any person, firm, company, or corporation except by specific authorization of the Commission.

C. This authorization is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

D. This authorization is subject to the right of use or control by the Government of the United States conferred by Section 706 of the Communications Act of 1934, as amended.

FOR FCC USE ONLY
The latitude/longitude are authorized in North American Datum 1927 (NAD27). Additionally, the antenna height to tip, ground elevation, AAT and area of operation units are authorized in metric.
CONDITIONS OF GRANT

A. Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts, treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this authorization the licensee or permittee hereof is authorized to use and operate the radio transmitting facilities herein described. This authorization shall not vest in the licensee or permittee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein.

B. Neither this authorization nor the right granted herein shall be assigned or otherwise transferred to any person, firm, company, or corporation except by specific authorization of the Commission.

C. This authorization is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

D. This authorization is subject to the right of use or control by the Government of the United States conferred by Section 706 of the Communications Act of 1934, as amended.

FOR FCC USE ONLY
June 8, 1989

Ms. Cady Soukup, President
Appalachian Search and Rescue Conference
P. O. Box 440
Newcomb Station
Charlottesville, Virginia 22904

Dear Ms. Soukup:

The staff of Shenandoah National Park continues to recognize the contributions of volunteer organizations, such as the Appalachian Search and Rescue Conference, in carrying out successful search and rescue missions within the Park.

The success of these activities heavily depends upon reliable communications among participating agencies. To provide emergency and safety communications support for both the Park staff and cooperating agencies, the National Park Service authorizes the the Appalachian Search and Rescue Conference to use the Park's radio frequencies, 166.300 MHz, 166.900 MHz, 167.150 MHz, 164.575 MHz, and 164.675 MHz, during Park emergencies. Should the FCC require you to license your radios, you may include this letter with your application for up to 20 mobile/portable units.

Thank you for your continuing contributions to the visitors of Shenandoah National Park.

Sincerely,

J. W. Wade
Superintendent
Sir:

This is authorization for the Robertson Association, hereafter called the User, to use FCC license KA-8-1942 (copy attached) as held by the Appalachian Search and Rescue Conference, hereafter called the ASRC. This authorization is only for frequencies 155.15, 155.205, and 155.280; for emergencies; at the Old Timers Reunion site; from ten days prior to, and including Labor day, each year. In using this license the User and those using the license under the User's control agree to the following conditions:

1. Insure that all persons using the License obey all FCC Rules and Regulations.
2. Immediately report any official contact concerning this license to the ASRC Communications Secretary.
3. The User shall at no time contact the FCC or FCC Coordinators regarding this license, but shall forward all such communication through the ASRC Communications Secretary.
4. Advise the ASRC Communications Secretary of current, and any changes in the name, address, and phone of the User's: Business, Chief Administrator, Second Chief and/or Communications Administrator

This agreement is effective upon receipt by the ASRC of a copy of this letter, signed by both parties, until the expiration date of this license (September 1992). A request for renewal of this agreement is to be sent to the ASRC Communications Secretary six months prior to the license expiration date. The ASRC reserves the right to immediately suspend, in part or whole, this authorization for User willful or negligent noncompliance with these conditions by verbal notification, to be confirmed in writing, from the (ASRC) Chairman, Vice Chairman, or Communications Secretary. Any suspension will be formally reviewed by the ASRC Board of Directors, at the next scheduled meeting, whose decision shall be binding upon all parties to the agreement.

Acknowledged and Agreed to:

Dale Ibberson
President, The Robertson Association

Robert Koester
Chairman, ASRC

August 4, 1990
Agreement for: KA8-1942   Freq: .16 .205 .280

Name: The Robertson Association

Phone:

Address: Star Rt 2 Box 520
Petersburg, VA 26847

Administrator
Title: President
Currently
Name: Dale Ibberson
Phone: 717-238-2198
Address: 445 Hale Ave.
Harrisburg, Pa. 17104

Commr or 2nd Administrator
Vice President

Thomas Williams Jr.
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