NATIONAL WILDERNESS PRESERVATION SYSTEM

THUNDER RIDGE WILDERNESS

JEFFERSON NATIONAL FOREST

I hereby certify that the legal descriptions and map herewith represent the location of the boundary of the Thunder Ridge Wilderness on the Jefferson National Forest as entered in the National Wilderness Preservation System by Public Law - 98 - 586, October 30, 1984.

Signed June 29, 1989
Date

Leroy Jones
for JOHN E. ALCOCK
Regional Forester

THUNDER RIDGE WILDERNESS

BOUNDARY DESCRIPTION

The Thunder Ridge Wilderness is located along the northwest side of the Blue Ridge Parkway on the Jefferson National Forest in Rockbridge, Bedford, and Botetourt Counties, Virginia.

All distances and bearings were determined from the Virginia State Plane Coordinate System from U.S.G.S., 1/24,000, 7 1/2 topographic quads, Snowden and Arnold Valley, (modified for USDA Forest Service use). Bearings are referenced from grid North and expressed in degrees and minutes.

All distances are map distances that were digitized from the preceeding named quads, and therefore should be considered as approximate.

Beginning at a point N 14° 19' E of and 280 Feet from BM 4225. This point being the intersection of the east edge of a powerline right-of-way and the surveyed boundary around the deactivated Bedford Air Force Station.

Thence following three courses with the east edge and paralleling the powerline right-of-way:

N 40° 02' W	878 Feet	
N 22° 00' W	1,682 Feet	
N 18° 21' W	1,027 Feet	to Point #2, 300 Feet east of the centerline of Forest Service Road 812;

thence from said point meandering the following courses 300 Feet east of and parallel to the centerline of Forest Service Road 812:

N 19° 23' E	159 Feet	
N 07° 59' E	135 Feet	
N 33° 27' W	130 Feet	
N 52° 12' W	141 Feet	to Point #3, on the east edge of the powerline right of way;

thence continuning with two courses along the east powerline right-of-way line:

N 19° 02' W	121 Feet	
N 18° 04' W	2,031 Feet	to Point #4, 300 Feet east of the centerline of Forest Service Road 812;

thence from said point meandering the following five courses 300 Feet east of and parallel to the centerline of Forest Service Road 812:

N 05° 47' W	191 Feet	
N 08° 43' W	166 Feet	
N 37° 00' W	168 Feet	
N 56° 16' W	268 Feet	
N 45° 57' W	208 Feet	to Point #5, on the east edge of the powerline right-of-way;

thence along the east edge of the powerline right-of-way:

N 10° 52' E	817 Feet	to Point #6, in the center line of a small drain;

thence from said point meandering the following six courses along the center line of small drain:

N 43° 06' E	221 Feet	
N 24° 15' E	295 Feet	
N 18° 59' E	281 Feet	
N 20° 13' E	240 Feet	
N 22° 56' E	182 Feet	
N 26° 32' E	949 Feet	to Point #7, the small drain;

thence leaving the small drain from said point #7 on the following six courses:

S 89° 49' E	2,381 Feet	
S 85° 14' E	692 Feet	
N 79° 41' E	1,239 Feet	
N 73° 37' E	697 Feet	
N 44° 12' E	954 Feet	
N 58° 49' E	302 Feet	to point #8, in the center of a small drain;

thence the following ninety courses meandering the 2000 Foot (NGVD 1929) contour line:

N 85° 31' E	120 Feet
N 76° 36' E	84 Feet
N 37° 58' E	101 Feet
N 65° 41' E	106 Feet
N 85° 32' E	72 Feet
N 06° 24' E	76 Feet
N 38° 39' E	74 Feet
N 67° 46' E	329 Feet
N 48° 21' E	81 Feet
N 79° 58' E	112 Feet

S 52° 32' E	73 Feet
N 67° 44' E	78 Feet
N 70° 39' E	155 Feet
N 29° 17' E	66 Feet
N 50° 39' E	59 Feet
S 82° 53' E	50 Feet
S 51° 07' E	51 Feet
N 44° 28' E	95 Feet
N 50° 34' E	138 Feet
N 78° 24' E	78 Feet
N 25° 11' E	62 Feet
N 03° 21' W	96 Feet
N 42° 39' E	92 Feet
N 63° 43' E	67 Feet
N 83° 04' E	143 Feet
S 73° 44' E	44 Feet
N 41° 03' E	77 Feet
N 08° 37' W	53 Feet
N 18° 43' E	114 Feet
N 38° 08' E	192 Feet
N 64° 38' E	111 Feet
N 78° 22' E	145 Feet
N 79° 37' E	108 Feet
N 46° 54' E	47 Feet
N 03° 09' W	66 Feet
N 20° 25' E	64 Feet
S 84° 17' E	84 Feet
S 68° 09' E	185 Feet
S 86° 31' E	36 Feet
N 19° 41' E	36 Feet
N 19° 32' W	106 Feet
N 11° 51' W	86 Feet
N 10° 46' E	55 Feet
N 77° 04' E	70 Feet
S 81° 51' E	58 Feet
N 76° 43' E	60 Feet
N 24° 21' E	162 Feet
N 22° 41' E	346 Feet
N 01° 20' E	108 Feet
N 17° 55' E	92 Feet
N 54° 02' E	112 Feet
S 87° 33' E	106 Feet
N 76° 14' E	58 Feet
N 03° 18' W	128 Feet
N 13° 17' E	88 Feet
N 62° 34' E	86 Feet
S 84° 40' E	68 Feet
S 86° 44' E	38 Feet
N 09° 13' W	85 Feet
N 02° 43' W	150 Feet

N 03° 30' E	174 Feet	
N 22° 43' E	173 Feet	
N 64° 19' E	91 Feet	
N 87° 27' E	162 Feet	
S 46° 30' E	93 Feet	
S 41° 56' E	89 Feet	
S 68° 45' E	56 Feet	
N 29° 43' E	89 Feet	
N 08° 50' E	214 Feet	
N 07° 59' E	254 Feet	
N 13° 19' E	168 Feet	
N 51° 37' E	192 Feet	
N 70° 26' E	229 Feet	
S 82° 42' E	115 Feet	
S 37° 36' E	124 Feet	
S 40° 49' E	103 Feet	
S 69° 10' E	34 Feet	
N 67° 41' E	78 Feet	
N 89° 00' E	90 Feet	
S 71° 19' E	146 Feet	
S 61° 25' E	118 Feet	
S 81° 33' E	42 Feet	
N 28° 53' E	100 Feet	
N 27° 47' E	113 Feet	
N 69° 44' E	120 Feet	
S 80° 15' E	134 Feet	
S 48° 53' E	98 Feet	
S 45° 53' E	66 Feet	
S 64° 23' E	42 Feet	
N 30° 54' E	91 Feet	
N 48° 08' E	113 Feet	
N 70° 32' E	272 Feet	
N 70° 01' E	138 Feet	to Point #9, on a small ridge, then leaving the 2000 foot contour line, and following the said ridge in a northwest direction, as it meanders the following ten courses:
N 00° 20' W	190 Feet	
N 18° 11' W	190 Feet	
N 11° 28' W	206 Feet	
N 05° 30' W	179 Feet	
N 13° 24' W	271 Feet	
N 17° 35' W	254 Feet	
N 17° 10' W	394 Feet	
N 19° 28' W	533 Feet	
N 22° 59' W	415 Feet	
N 19° 02' W	326 Feet	to point #10, 300 Feet south of the centerline of Forest Service Road 35;

thence from said point meandering the following fifty four courses following 300 Feet from the centerline and parallel to Forest Service Road 35:

S 81° 06' E	467 Feet
N 88° 31' E	582 Feet
N 85° 27' E	570 Feet
N 83° 41' E	539 Feet
N 77° 23' E	662 Feet
N 78° 17' E	221 Feet
N 56° 56' E	265 Feet
N 59° 30' E	230 Feet
N 73° 53' E	375 Feet
N 68° 13' E	160 Feet
N 86° 45' E	130 Feet
S 75° 12' E	399 Feet
S 78° 13' E	251 Feet
N 88° 44' E	148 Feet
N 81° 51' E	204 Feet
S 88° 29' E	92 Feet
S 39° 46' E	65 Feet
S 06° 15' E	88 Feet
S 22° 49' W	37 Feet
S 18° 32' E	80 Feet
S 63° 10' E	125 Feet
S 78° 46' E	389 Feet
S 80° 45' E	308 Feet
S 71° 17' E	348 Feet
S 84° 39' E	249 Feet
S 87° 43' E	228 Feet
N 87° 23' E	158 Feet
S 75° 11' E	111 Feet
S 60° 32' E	98 Feet
S 21° 38' E	54 Feet
S 21° 20' W	111 Feet
S 42° 57' W	71 Feet
S 34° 31' W	60 Feet
S 10° 20' W	69 Feet
S 32° 51' W	59 Feet
S 71° 50' W	88 Feet
S 86° 39' W	126 Feet
S 63° 24' W	155 Feet
S 57° 20' W	169 Feet
S 21° 29' W	116 Feet
S 02° 24' E	128 Feet
S 08° 03' W	133 Feet
S 23° 25' W	167 Feet
S 54° 17' W	588 Feet
S 57° 34' W	359 Feet
S 53° 02' W	347 Feet
S 53° 50' W	380 Feet

S 31° 22' W	170 Feet	
S 13° 15' W	160 Feet	
S 05° 48' E	151 Feet	
S 24° 32' E	119 Feet	
S 46° 59' E	183 Feet	
S 65° 37' E	166 Feet	
S 76° 14' E	308 Feet	to Point #11, a point in the National Park Service boundary between National Park Service corners 1,123 and 1,124 near Peities Gap;

thence with the National Park Service Boundary in a southeast direction, the following thirty eight courses:

S 24° 25' E	187 Feet
S 15° 32' W	205 Feet
S 18° 42' E	1,329 Feet
S 41° 58' E	1,339 Feet
S 60° 27' W	1,486 Feet
S 34° 24' W	830 Feet
S 86° 25' W	593 Feet
S 26° 45' W	636 Feet
S 83° 01' W	1,689 Feet
S 25° 00' W	946 Feet
S 15° 34' E	403 Feet
S 81° 36' W	1,165 Feet
N 20° 49' W	1,974 Feet
S 82° 50' W	1,032 Feet
N 61° 09' W	660 Feet
S 42° 26' W	253 Feet
S 63° 32' W	533 Feet
S 12° 25' W	362 Feet
S 47° 23' W	270 Feet
S 55° 55' W	559 Feet
S 37° 35' W	231 Feet
S 64° 24' W	764 Feet
S 62° 57' W	1,515 Feet
N 80° 11' W	290 Feet
S 66° 01' W	336 Feet
S 18° 58' W	593 Feet
S 77° 27' W	746 Feet
S 27° 56' W	431 Feet
S 49° 31' W	211 Feet
S 43° 12' W	617 Feet

S 58° 31' W	748 Feet	
S 72° 23' W	1,027 Feet	
S 52° 37' W	1,030 Feet	
S 11° 21' W	521 Feet	
S 35° 14' E	812 Feet	
S 24° 05' E	1,841 Feet	
S 12° 05' E	346 Feet	
S 17° 46' W	113 Feet	to Point #12, where the surveyed boundary of the deactiviated Bedford Air Force Station intersects with the National Park Service Boundary;

thence from said point along the surveyed boundary of the deactivated Air Force Station the following eight courses:

S 47° 37' W	245 Feet	
S 26° 18' W	96 Feet	
S 31° 23' W	786 Feet	
S 80° 15' W	390 Feet	
S 29° 58' W	230 Feet	
S 44° 27' E	290 Feet	
S 06° 47' W	123 Feet	
N 84° 11' W	539 Feet	to the place of beginning, containing 2,344 acres as determined by digitizing from U.S.G.S. topographic survey maps.

CHARLES E. ROZIER
Jefferson National Forest Land Surveyor

PERIMETER = 72,854 FEET OR 13.80 MILES

AREA OF TRAVERSE = 2344 ACRES