



Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
10101 Hillwood Parkway  
Fort Worth, TX 76177

Aeronautical Study No.  
2023-AAL-421-OE

Issued Date: 01/03/2024

Mike Powers  
Atlas Tower 1, LLC  
3002 Bluff Street  
Suite 300  
Boulder, CO 80301

**\*\* NOTICE OF PRELIMINARY FINDINGS \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Monopole Nome AK - City of Nome
Location:	Nome, AK
Latitude:	64-32-32.70N NAD 83
Longitude:	165-24-03.09W
Heights:	131 feet site elevation (SE) 129 feet above ground level (AGL) 260 feet above mean sea level (AMSL)

Initial findings of this study indicate that the structure as described exceeds obstruction standards and/or would have an adverse physical or electromagnetic interference effect upon navigable airspace or air navigation facilities. Pending resolution of the issues described below, the structure is presumed to be a hazard to air navigation.

See Attachment for Additional information.

**NOTE: PENDING RESOLUTION OF THE ISSUE(S) DESCRIBED ABOVE, THE STRUCTURE IS PRESUMED TO BE A HAZARD TO AIR NAVIGATION. THIS LETTER DOES NOT AUTHORIZE CONSTRUCTION OF THE STRUCTURE EVEN AT A REDUCED HEIGHT. ANY RESOLUTION OF THE ISSUE(S) DESCRIBED ABOVE MUST BE COMMUNICATED TO THE FAA SO THAT A FAVORABLE DETERMINATION CAN SUBSEQUENTLY BE ISSUED.**

**IF MORE THAN 60 DAYS FROM THE DATE OF THIS LETTER HAS ELAPSED WITHOUT ATTEMPTED RESOLUTION, IT WILL BE NECESSARY FOR YOU TO REACTIVATE THE STUDY BY FILING A NEW FAA FORM 7460-1, NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION.**

If we can be of further assistance, please contact our office at (206) 231-2990, or [paul.holmquist@faa.gov](mailto:paul.holmquist@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2023-AAL-421-OE.

**Signature Control No: 606860675-608593593**

( NPF )

Paul Holmquist  
Specialist

Attachment(s)  
Additional Information

## Additional information for ASN 2023-AAL-421-OE

### Abbreviations

AGL - above ground level	AMSL - above mean sea level	RWY - runway
VFR - visual flight rules	IFR - instrument flight rules	NM - nautical mile
ASN- Aeronautical Study Number	CAT - category aircraft	NEH - no effect height
MDA - minimum descent altitude	W/1A - with a 1A Survey	W/2C - with a 2C survey
NA - not authorized	DER - departure end of runway	STD - standard
DA - decision altitude		

Part 77 - Title 14 Code of Federal Regulations (CFR) Part 77, Safe, Efficient Use and Preservation of the Navigable Airspace

### 1. TITLE 14 CODE OF FEDERAL REGULATIONS (CFR) PART 77 OBSTRUCTION STANDARDS EXCEEDED

a. Section 77.17(a)(3) -- A structure that causes less than the required obstacle clearance within a terminal obstacle clearance area, including an initial approach segment, a departure area, and a circling approach area resulting in increases to an IFR terminal minimum altitude.

At 260 AMSL, 4D, Nome (OME)(PAOM) Nome, AK.

ILS Y or LOC RWY 28, Amdt 4B; ILS Z or LOC Z RWY 28, Amdt 5; RNAV (GPS) RWY 3, Amdt 1; RNAV (GPS) RWY 10, Amdt 2; RNAV (GPS) RWY 28, Amdt 2; LOC/DME BC RWY 10, Amdt 4; VOR RWY 28 (BEMTE FIX MINIMUMS); Amdt 3; NDB-A, Amdt 1A, increase Circling CAT B/C MDA from 540 to 620. NEH: 232 AMSL. W/2C, from 540 to 560. NEH: 240 AMSL.

b. Section 77.19(a): Horizontal Surface-a height exceeding a horizontal plane 150 feet above the established airport elevation. The proposal would penetrate the OME Horizontal Surface by 70 feet.

If you agree to restrict the overall height of the proposal to 59 feet AGL (190 feet AMSL), an immediate favorable determination can be issued.

The FAA considers the impact to the OME terminal approach procedures to be a hazard. If you agree to restrict the proposed height to 101 feet AGL (232 feet AMSL), further study would still be needed due to the penetration of the OME Part 77 horizontal surface.

If you submit a 2C accuracy survey and agree to restrict the proposed height to 109 feet AGL (240 feet AMSL), further study would still be needed due to the penetration of the OME Part 77 horizontal surface. Further study will involve a public notice circularization and 37 day comment period. The outcome cannot be predicted. You can request further study by emailing [paul.holmquist@faa.gov](mailto:paul.holmquist@faa.gov). We will need the survey submitted to us before further study can be initiated if you pursue the 109 feet AGL height.

If you have questions regarding this Notice of Preliminary Findings, you may contact Paul Holmquist via email at ([paul.holmquist@faa.gov](mailto:paul.holmquist@faa.gov)) .