

# **Appendices**

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## **Appendix IS-1**

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### Detailed Obstacle Analysis Report

**HUGHES AEROSPACE**  
**PERFORMANCE BASED NAVIGATION SERVICES**

**DETAILED OBSTACLE ANALYSIS REPORT:**

**HELIPORT CONSULTANTS**  
**BERGGRUEN INSTITUTE - MONTEVERDI PROJECT**  
**(PROPOSED SITE C)**

**JUNE 28, 2019**





June 28, 2019

**MEMO FOR RECORD RE: BERGGRUEN INSTITUTE STUDY**

The proposed site was evaluated using the provided coordinates. Site elevation was converted to NAVD 88 using National Geodetic Survey's Orthometric Height Conversion tool [https://www.ngs.noaa.gov/cgi-bin/VERTCON/vert\\_con.prl](https://www.ngs.noaa.gov/cgi-bin/VERTCON/vert_con.prl), increasing the top of proposed Site C to 1563' MSL.

**PROCEDURE EVALUATIONS INCLUDE:**

**SANTA MONICA MUNICIPAL (SMO):** The proposed site is shielded by the 200-foot adverse assumption applied to 1532 ft MSL terrain (total height 1732 ft MSL) 0.72 NM southwest of the proposed site between Kenter and Mandeville Canyons at N34° 05' 25.80" W118° 29' 53.57". (Source: National Geodetic Survey)

- RNAV (GPS) RWY 21 – No Impact.
- RNAV (GPS) Y RWY 03 – No Impact.
- RNAV (GPS) Z RWY 03 – No Impact.
- VOR-A – No Impact.
- CHOII (RNAV) Departure – No Impact.
- SANTA MONICA (RNAV) Departure – No Impact.
- TOPANGA (OBSTACLE) Departure – No impact.
- Diverse Vector Area – No impact.

**VAN NUYS (VNY):** The proposed site is shielded by 1747 ft MSL terrain 0.90 NM northwest of the proposed site at N34° 07' 01.50" W118° 29' 41.80". (Source: Chart study)

- ILS Y RWY 16R – No impact.
- ILS Z RWY 16R – No impact.
- VOR-B – No impact.
- ADAMM Departure – No impact.
- CANOGA Departure – No impact.
- HARYS (RNAV) Departure – No impact.
- HAYEZ (RNAV) Departure – No impact.
- ROSCOE (RNAV) Departure – No impact.
- WLKKR (RNAV) Departure – No impact.
- Obstacle Departure Procedure – No impact.
- Diverse Vector Area – No impact.

Submitted by:

A handwritten signature in black ink, appearing to read 'Robert Abbott', with a long, sweeping underline.

Robert Abbott  
TERPS/PANS-OPS Engineer