

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH #

Project Title: Environmental Assessment Falcon 9 Cadence Increase at Vandenberg Space Force Base, California

Lead Agency: United States Space Force Contact Person: Tiffany Whitsitt-Odell
 Mailing Address: 1028 Iceland Ave Building 11146 Phone: 805-606-2044
 City: Vandenberg SFB Zip: 93437 County: Santa Barbara

Project Location: County: Santa Barbara City/Nearest Community: Lompoc

Cross Streets: Coast Road x Kelp Road Zip Code: _____

Longitude/Latitude (degrees, minutes and seconds): 34 ° 38 ' 2 " N / 120 ° 36 ' 45 " W Total Acres: n/a

Assessor's Parcel No.: n/a Section: _____ Twp.: _____ Range: _____ Base: _____

Within 2 Miles: State Hwy #: None Waterways: Honda Creek

Airports: None Railways: UPRR Schools: None

Document Type:

- | | | | |
|--------------------------------------|--|---|--|
| CEQA: <input type="checkbox"/> NOP | <input type="checkbox"/> Draft EIR | NEPA: <input type="checkbox"/> NOI | Other: <input type="checkbox"/> Joint Document |
| <input type="checkbox"/> Early Cons | <input type="checkbox"/> Supplement/Subsequent EIR | <input checked="" type="checkbox"/> EA | <input type="checkbox"/> Final Document |
| <input type="checkbox"/> Neg Dec | (Prior SCH No.) _____ | <input type="checkbox"/> Draft EIS | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Mit Neg Dec | Other: _____ | <input checked="" type="checkbox"/> FONSI | _____ |

Local Action Type:

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> General Plan Update | <input type="checkbox"/> Specific Plan | <input type="checkbox"/> Rezone | <input type="checkbox"/> Annexation |
| <input type="checkbox"/> General Plan Amendment | <input type="checkbox"/> Master Plan | <input type="checkbox"/> Prezone | <input type="checkbox"/> Redevelopment |
| <input type="checkbox"/> General Plan Element | <input type="checkbox"/> Planned Unit Development | <input type="checkbox"/> Use Permit | <input type="checkbox"/> Coastal Permit |
| <input type="checkbox"/> Community Plan | <input type="checkbox"/> Site Plan | <input type="checkbox"/> Land Division (Subdivision, etc.) | <input checked="" type="checkbox"/> Other: <u>Space Launch Program</u> |

Development Type:

- | | |
|---|--|
| <input type="checkbox"/> Residential: Units _____ Acres _____ | <input type="checkbox"/> Transportation: Type _____ |
| <input type="checkbox"/> Office: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Mining: Mineral _____ |
| <input type="checkbox"/> Commercial: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Power: Type _____ MW _____ |
| <input type="checkbox"/> Industrial: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Waste Treatment: Type _____ MGD _____ |
| <input type="checkbox"/> Educational: _____ | <input type="checkbox"/> Hazardous Waste: Type _____ |
| <input type="checkbox"/> Recreational: _____ | <input checked="" type="checkbox"/> Other: <u>no new development</u> |
| <input type="checkbox"/> Water Facilities: Type _____ MGD _____ | |

Project Issues Discussed in Document:

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Aesthetic/Visual | <input type="checkbox"/> Fiscal | <input checked="" type="checkbox"/> Recreation/Parks | <input type="checkbox"/> Vegetation |
| <input type="checkbox"/> Agricultural Land | <input type="checkbox"/> Flood Plain/Flooding | <input type="checkbox"/> Schools/Universities | <input type="checkbox"/> Water Quality |
| <input checked="" type="checkbox"/> Air Quality | <input type="checkbox"/> Forest Land/Fire Hazard | <input type="checkbox"/> Septic Systems | <input checked="" type="checkbox"/> Water Supply/Groundwater |
| <input checked="" type="checkbox"/> Archeological/Historical | <input type="checkbox"/> Geologic/Seismic | <input type="checkbox"/> Sewer Capacity | <input checked="" type="checkbox"/> Wetland/Riparian |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Minerals | <input type="checkbox"/> Soil Erosion/Compaction/Grading | <input type="checkbox"/> Growth Inducement |
| <input checked="" type="checkbox"/> Coastal Zone | <input checked="" type="checkbox"/> Noise | <input checked="" type="checkbox"/> Solid Waste | <input type="checkbox"/> Land Use |
| <input type="checkbox"/> Drainage/Absorption | <input type="checkbox"/> Population/Housing Balance | <input checked="" type="checkbox"/> Toxic/Hazardous | <input checked="" type="checkbox"/> Cumulative Effects |
| <input checked="" type="checkbox"/> Economic/Jobs | <input type="checkbox"/> Public Services/Facilities | <input type="checkbox"/> Traffic/Circulation | <input type="checkbox"/> Other: _____ |

Present Land Use/Zoning/General Plan Designation:

Existing SpaceX facility used for Falcon 9 launch program at Space Launch Complex 4 on Federal DoD property (Vandenberg Space Force Base)

Project Description: (please use a separate page if necessary)

The Proposed Action is to increase Falcon 9 annual launch cadence from 36 to 50 launches per year at Space Launch Complex 4 (SLC-4) on VSFB, increase Falcon 9 first stage and fairing recovery activities, and expand the recovery area in the Pacific Ocean. Up to 12 boosters per year would continue to land at SLC-4. The purpose of the Proposed Action is to provide greater mission capability to the Department of Defense (DOD), National Aeronautics and Space Administration, and commercial customers by increasing Falcon 9's flight opportunities. This is in furtherance of United States policy to ensure capabilities necessary to launch and insert necessary national security payloads into space. The current launch capacity is insufficient to meet critical DOD and key commercial launch missions. Resources and matters analyzed in the Draft EA include air quality, climate, sound (airborne), biological resources, water resources, cultural resources, coastal zone resources, Department of Transportation Act Section 4(f) properties, utilities, socioeconomic, transportation, human health and safety, hazardous materials and waste management, and solid waste management. The No Action Alternative would result in impacts less than the Proposed Action; however, it would not meet the Proposed Action's purpose and need. Environmental protection measures that are incorporated into the Proposed Action (identified as required in the EA) would be implemented to avoid and/or minimize the potential adverse impacts. Discretionary environmental protection measures may further reduce potential impacts of the Proposed Action.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".
If you have already sent your document to the agency please denote that with an "S".

<input type="checkbox"/> Air Resources Board	<input checked="" type="checkbox"/> Office of Historic Preservation
<input type="checkbox"/> Boating & Waterways, Department of	<input type="checkbox"/> Office of Public School Construction
<input type="checkbox"/> California Emergency Management Agency	<input type="checkbox"/> Parks & Recreation, Department of
<input type="checkbox"/> California Highway Patrol	<input type="checkbox"/> Pesticide Regulation, Department of
<input type="checkbox"/> Caltrans District # _____	<input type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input checked="" type="checkbox"/> Regional WQCB # <u>3</u>
<input type="checkbox"/> Caltrans Planning	<input type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input checked="" type="checkbox"/> Coastal Commission	<input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input type="checkbox"/> SWRCB: Water Quality
<input type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region # <u>5</u>	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input type="checkbox"/> Toxic Substances Control, Department of
<input type="checkbox"/> Forestry and Fire Protection, Department of	<input type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	
<input type="checkbox"/> Health Services, Department of	<input checked="" type="checkbox"/> Other: <u>SEE DISTRIBUTION LIST</u>
<input type="checkbox"/> Housing & Community Development	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Native American Heritage Commission	

Local Public Review Period (to be filled in by lead agency)

Starting Date 17 September 2024 Ending Date 17 October 2024

Lead Agency (Complete if applicable):

Consulting Firm: <u>ManTech International</u>	Applicant: <u>United States Space Force</u>
Address: <u>300 North G Street</u>	Address: <u>1028 Iceland Ave.</u>
City/State/Zip: <u>Lompoc, CA 93436</u>	City/State/Zip: <u>Vandenberg SFB, CA 93437</u>
Contact: <u>John LaBonte</u>	Phone: <u>805-606-2044</u>
Phone: <u>805-698-0371</u>	

Signature of Lead Agency Representative: LOETZERICH.KATHLEEN.ROSE-MARIE.1064262390 Digitally signed by LOETZERICH.KATHLEEN.ROSE-MARIE.1064262390
Date: 2024.09.16 13:52:38 -0700 Date: 9/16/2024

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

Distribution Instructions: Please distribute NEPA documents, including the corresponding notice of availability (NOA), to the following points of contact (POCs) as indicated below. Send NOA only when indicated and ensure a hyperlink to the Draft EA is included in the NOA and in your email correspondence (as applicable). Please cc the SLD 30 NEPA POC on any email correspondence / notifications. Distribute hard copies to the libraries via personal delivery and obtain signed receipt. Please inform SLD 30 NEPA POC of any “return to sender” issues, change of preference for document type/delivery, or any individuals that would like to be removed from this list or need information updated.

Federal

NOAA – Channel Islands National Marine Sanctuary

Attn: Chris Mobley
113 Harbor Way, Suite 150
Santa Barbara, CA 93109

Email: Chris.mobley@noaa.gov

Email NOA with Website Link to Draft EA

NOAA - National Marine Fisheries Service
West Coast Regional Office

Attn: For Distribution
501 West Ocean Blvd
Long Beach, CA 90802-4213

Email: shelby.l.mendez@noaa.gov

Email NOA with Website Link to Draft EA

National Park Service
Channel Islands National Park

Attn: Superintendent
1901 Spinnaker Drive
Ventura, CA 93001

Mail NOA with Website Link to Draft EA

U.S. Army Corps of Engineers
Attn: David A. Jorgenson, P.E.
1318 New Mexico Avenue, Building 9360
Vandenberg SFB, CA 93437

Email: David.A.Jorgenson@usace.army.mil

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U.S. Army Corps of Engineers
Regulatory Division, Los Angeles District
Attn: Aaron O. Allen, PhD. and Theresa Stevens
60 South California Street, Suite 201
Ventura, CA 93001-2598

Email: Aaron.O.Allen@usace.army.mil

Theresa.Stevens@usace.army.mil

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U.S. Coast Guard
LTJG Ruby Sebastian-Echevarria
Waterways Analysis & Management Systems
Manger

Eleventh Coast Guard District

Bldg. 50-2, C.G. Island

Alameda, CA 94501-5100

Email: rubymar.sebastianeechevarria@uscg.mil

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Federal Aviation Administration (FAA)
Office of Commercial Space Transportation
Attn: Stacy Zee and Leslie Grey (VSFB POC)
800 Independence Avenue

Washington, DC 20591

Email: Stacey.zee@faa.gov

leslie.grey@faa.gov

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U.S. Environmental Protection Agency, Region 9

Environmental Review Branch

Attn: Karen Vitulano

Tribal, Intergovernmental and Policy Division

75 Hawthorne St. TIP-2

San Francisco, CA 94105

Email: Vitulano.Karen@epa.gov

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U.S. Fish and Wildlife Service
Ventura Fish and Wildlife Office

Attn: Stephen P. Henry

2493 Portola Road, Suite B

Ventura, CA 93003-7726

Email: steve_henry@fws.gov

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State

California Coastal Commission - Energy, Ocean Resources and Federal Consistency Division
Attn: Cassidy Teufel
455 Market Street, Suite 228
San Francisco, CA 94105-2219
Email: cassidy.teufel@coastal.ca.gov

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Central Coast Regional Water Quality Control Board
Attn: Amber Sellinger, P.G., C.Hg.
Dept of Defense Program Manager
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401-7906
Email: Amber.Sellinger@Waterboards.ca.gov

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Central Coast Regional Water Quality Control Board – Central Coast Ambient Monitoring Program (CCAMP)
Attn: Melissa Daugherty
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401
Email: Melissa.Daugherty@Waterboards.ca.gov

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California Department of Fish & Wildlife
South Coast Region
Attn: Kelly Schmoker-Stanphill
E-mail: Kelly.Schmoker@wildlife.ca.gov

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California Environmental Protection Agency
Attn: For Distribution
1001 I Street
P.O. Box 2815
Sacramento, CA 95812-2815

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California Office of Historic Preservation
Attn: Julianne Polanco
State Historic Preservation Officer
1725 23rd Street, Suite 100
Sacramento, CA 95816
Email: calshpo.ohp@parks.ca.gov

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Office of the Governor
Office of Planning and Research
Attn: State Clearinghouse
1400 10th Street
Sacramento CA 95814

Online form submitted

Santa Barbara County Air Pollution Control District

Attn: Alex Economou
260 N. San Antonio Road, Suite A
Santa Barbara, CA 93110-1315
Email: economoua@sbcapcd.org

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Santa Barbara County Air Pollution Control District

Attn: Carly Barham
260 N. San Antonio Road, Suite A
Santa Barbara, CA 93110-1315
Email: BarhamC@sbcapcd.org

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Tribes

Santa Ynez Band of Chumash Indians
Elders Council

Attn: Sam Cohen and Nakia Zavalla
P.O. Box 517
Santa Ynez, CA 93460
Emails: SCohen@santaynezchumash.org
nzavalla@chumash.gov

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Local

Santa Barbara County Board of Supervisors
C/O: Santa Barbara County Planning & Development

Attn: David Villalobos
123 E. Anapamu Street
Santa Barbara, CA 93101
Email: dvillalo@co.santa-barbara.ca.us

Email NOA with Website Link to Draft EA

Santa Barbara County Planning & Development
Attn: David Lackie

123 East Anapamu Street
Santa Barbara CA 93101-2058
Email: dlackie@countyofsb.org

Email NOA with Website Link to Draft EA

City of Lompoc
Economic & Community Development

Attn: Brian Halvorson and Cherridah Weigel
100 Civic Center Plaza
Lompoc CA 93436
Email: b_halvorson@ci.lompoc.ca.us
g_stones@ci.lompoc.ca.us
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Libraries

Santa Barbara Public Library
40 East Anapamu Street
Santa Barbara, CA 93101-2000
Hardcopy

Lompoc Public Library
501 East North Avenue
Lompoc, CA 93436
Hardcopy

Santa Maria Public Library
421 S. McClelland Street
Santa Maria, CA 93454
Hardcopy

Vandenberg Space Force Base Library
100 Community Loop, Building 10343A
Vandenberg SFB, CA 93437
Hardcopy

Ojai Library
111 E Ojai Avenue
Ojai, CA 93023
Hardcopy

Avenue Library
606 N Ventura Avenue
Ventura, CA 93001
Hardcopy

E.P. Foster Library
651 E Main Street
Ventura, CA 93001
Hardcopy

South Oxnard Branch Library
4300 Saviers Road
Oxnard, CA 93033
Hardcopy

Requesting Entities

California Native Plant Society

Channel Islands Chapter
P.O. Box 6
Ojai, CA 93024-006
Email: cnpschannelislands@gmail.com
Email NOA with Website Link to Draft EA

California Trout
Attn: Russell Marlow
290 Maple Court #140
Ventura, CA 93003
Email: rmarlow@caltrout.org
Email NOA with Website Link to Draft EA
Environmental Defense Center
Attn: Brian Trautwein
906 Garden Street
Santa Barbara, CA 93101
Email:
BTrautwein@EnvironmentalDefenseCenter.org
Email NOA with Website Link to Draft EA

La Purisima Audubon Society
Attn: Tamarah Taaffe
4036 Muirfield Place
Vandenberg Village, CA 93436-1307
Email: bima55@msn.com
Hardcopy

Santa Barbara Museum of Natural History
Attn: Luke J. Swetland
2559 Puesta del Sol
Santa Barbara, CA 93105
Email: lswetland@sbnature2.org
Email NOA with Website Link to Draft EA

Sierra Club
Los Padres Chapter
Attn: Gerry Ching
P O Box 31241
Santa Barbara, CA 93130-1241
Email: gching@cox.net
Email NOA with Website Link to Draft EA

Gaviota Coast Conservancy
Attn: Doug Kern & Ana Citrin
P.O Box 1099
Goleta, CA 93116
Email: doug.kern@gaviotacoastconservancy.org
Ana.citrin@gaviotacoastconservancy.org
Email NOA with Website Link to Draft EA

Surfrider Foundation

Attn: Mandy Sackett

Email: msackett@surfrider.com

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