

## **APPENDIX D**

### **AVIATION FORECAST**

This appendix includes the following:

- 2009 Terminal Area Forecast (TAF)
- Town Request Letter with Enclosures (3)
- FAA Approval of Revised Commercial Aviation Activity Forecast for Mammoth Yosemite Airport

## APO TERMINAL AREA FORECAST SUMMARY REPORT

### Forecast Issued December 2009

MMH

Fiscal Year	AIRCRAFT OPERATIONS													
	Enplanements			Itinerant Operations				Local Operations				Total Ops	Total Tracon Ops	Based Aircraft
	Air Carrier	Commuter	Total	Air Carrier	Air Taxi & Commuter	GA	Military	Total	Civil	Military	Total			
1990	0	5,247	5,247	0	2,900	17,000	30	19,930	4,000	0	4,000	23,930	0	37
1991	0	5,897	5,897	0	3,000	17,000	30	20,030	4,000	0	4,000	24,030	0	49
1992	0	5,777	5,777	0	3,000	17,000	30	20,030	4,000	0	4,000	24,030	0	45
1993	754	8,574	9,328	0	3,000	17,000	30	20,030	4,000	0	4,000	24,030	0	45
1994	0	8,169	8,169	0	1,500	9,000	30	10,530	3,000	0	3,000	13,530	0	40
1995	0	7,518	7,518	0	1,500	9,000	30	10,530	3,000	0	3,000	13,530	0	40
1996	0	1,762	1,762	0	1,500	9,000	100	10,600	3,000	0	3,000	13,600	0	41
1997	0	0	0	0	1,200	9,000	50	10,250	3,000	0	3,000	13,250	0	41
1998	0	0	0	0	1,200	9,000	50	10,250	3,000	0	3,000	13,250	0	41
1999	0	0	0	0	800	9,000	50	9,850	3,000	0	3,000	12,850	0	41
2000	0	0	0	0	800	9,000	50	9,850	3,000	0	3,000	12,850	0	41
2001	0	0	0	0	800	9,000	50	9,850	3,000	0	3,000	12,850	0	41
2002	0	0	0	100	700	9,000	50	9,850	3,000	0	3,000	12,850	0	41
2003	0	0	0	0	800	9,000	50	9,850	3,000	0	3,000	12,850	0	41
2004	0	0	0	0	800	9,000	50	9,850	3,000	0	3,000	12,850	0	8
2005	0	0	0	0	700	9,000	100	9,800	3,000	0	3,000	12,800	0	6
2006	0	0	0	0	700	9,000	100	9,800	3,000	0	3,000	12,800	0	6
2007	0	0	0	0	700	9,000	100	9,800	3,000	0	3,000	12,800	0	6
2008	0	0	0	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2009*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2010*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2011*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2012*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2013*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2014*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2015*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2016*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2017*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2018*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2019*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2020*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2021*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2022*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2023*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4

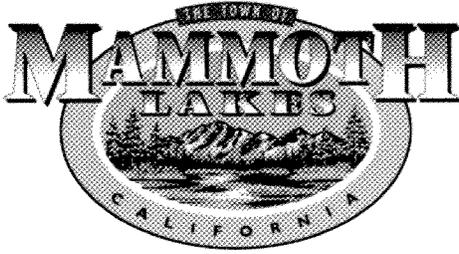
## APO TERMINAL AREA FORECAST SUMMARY REPORT

### Forecast Issued December 2009

MMH

## AIRCRAFT OPERATIONS

Fiscal Year	Enplanements			Itinerant Operations				Local Operations			Total Ops	Total Tracon Ops	Based Aircraft	
	Air Carrier	Commuter	Total	Air Carrier	Air Taxi & Commuter	GA	Military	Total	Civil	Military				Total
2024*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2025*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2026*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2027*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2028*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2029*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4
2030*	0	5,021	5,021	0	1,628	3,730	31	5,389	1,896	0	1,896	7,285	0	4



**OFFICE OF TOWN MANAGER**

*Robert F. Clark, Town Manager*

*P.O. Box 1609, Mammoth Lakes, CA 93546*

December 21, 2009

Attn: Robin Hunt, Manager  
FAA – Western Pacific Region  
San Francisco Airport District Office  
831 Mitten Road, Room 210  
Burlingame, CA 94010

**Ref: Mammoth Yosemite Airport  
Revised Commercial Aviation Forecast**

Dear Ms. Hunt:

The Town of Mammoth Lakes is currently preparing an Environmental Assessment (EA) to examine the potential environmental impacts of the proposed Part 119 approval of an amendment to the United Airlines Operations Specifications to allow United Airlines (United) to provide winter season commercial air service to Mammoth Yosemite Airport (MMH) beginning in December 2010. A copy of the Letter of Intent from United is attached.

Our FAA contact for the EA, Dr. Caroline Poyurs of the Northwest Mountain Region has advised us that as part of the EA process we need to have the Airports Division approve an updated forecast for commercial service activity at MMH.

Attached are two tables. The first contains the forecast that was previously approved by FAA that was the basis of the March 2008 FEIS regarding the approval of the Operations Specification Amendment that allowed Horizon Air to provide the current commercial service to MMH. The second table contains forecasts for two scenarios:

- Proposed Project: With the proposed additional service by United Airlines
- No-Action: Without the proposed additional service by United Airlines

The revised forecast is based on the experience of the first year of Horizon Air service to MMH (2008-2009 season), the current agreement with Horizon Air for service to MMH in the 2009-2010 and 2010-2011 winter seasons, the agreement with Horizon Air to begin summer season service in April 2010, the proposed agreement under discussion between United, Mammoth Mountain Ski Area and the Town for winter season service as described above, and the activity growth projected as part of the prior forecast.

Key aspects of the revised forecast include:

- The total projected number of annual flights has increased by approximately 10% from the number in the previous forecast,
- The total annual number of available seats between MMH and other locations is approximately the same as the numbers included in the previous forecast due to the use of a somewhat smaller aircraft (the CRJ) for some of the flights, and
- The summer season service would extend over a longer period time than in the previous forecast, but would include one flight per day rather than two.

We are working diligently to complete the EA process in time to allow United to initiate the proposed service next December. As such, we would request the FAA's expedited review and approval of the revised forecast so that it may be used in the noise and other analyses of the EA.

Should you or your staff have questions concerning this forecast, please contact me. Alternatively, please contact Bill Fehring, the Project Manager for our contractor, URS Corporation. Dr. Fehring can be contacted at 813-636-2444 or at [bill\\_fehring@urscorp.com](mailto:bill_fehring@urscorp.com).

Sincerely,



Robert F. Clark  
Town Manager

Enclosures: United Airlines Letter of Intent  
EIS Forecast of Commercial Activity  
Revised Forecast of Commercial Activity

cc: Caroline Poyurs, Northwest Mountain Region  
Camille Garibaldi, Western Pacific Region



A STAR ALLIANCE MEMBER 

December 18, 2009

Mr. Rob Clark  
Town Manager, Town of Mammoth Lakes  
P.O. Box 1609  
Mammoth Lakes, CA 93546

Rob,

United Airlines and Mammoth Mountain Ski Area, LLC have had discussions regarding air service into the Mammoth Mountain, CA airport (MMH). Subject to approval from FSDO and a signed agreement between Mammoth Mountain and United Airlines, it is our intent to begin commercial air service between San Francisco, California (SFO) and MMH.

United Airlines would initiate service in the SFO-MMH market using United Express CRJ-700 aircraft operated by Skywest Airlines. The aircraft would be configured with 66 seats. Should the above mentioned terms be approved, United would start commercial service to MMH with a single daily roundtrip on approximately December 16, 2010 and continue until approximately April 4, 2011.

With this letter, we are advising FSDO of United Airlines' intent to offer scheduled air service at MMH.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Kaldahl", written in a cursive style.

Greg Kaldahl  
Vice President Planning

**MAMMOTH YOSEMITE AIRPORT**

**EIS FORECAST OF COMMERCIAL AVIATION ACTIVITY**

	WINTER		SUMMER		TOTAL	TOTAL	LOAD
YEAR	DAYS	FLIGHTS	DAYS	FLIGHTS	FLIGHTS	SEATS(1)	FACTOR
2008-2009	112	2	0	0	224	17920	57%
2009-2010	112	4	0	0	448	35840	65%
2010-2011	112	6	0	0	672	53760	82%
2011-2012	112	8	0	0	896	71680	85%
2012-2013	112	8	60	2	1016	81280	82%
2013-2014	112	8	60	2	1016	81280	83%
2014-2015	112	8	60	2	1016	81280	83%
2015-2016	112	8	60	2	1016	81280	83%
2016-2017	112	8	60	2	1016	81280	83%

(1) Assumed 80-seat aircraft

MAMMOTH YOSEMITE AIRPORT

REVISED FORECASTS OF COMMERCIAL AVIATION ACTIVITY

YEAR	NO ACTION		NO ACTION			PROPOSED ACTION			PROPOSED ACTION		PROPOSED ACTION			
	WINTER DAYS	FLIGHTS	SUMMER DAYS	FLIGHTS	TOTAL FLIGHTS	TOTAL SEATS (3)	LOAD FACTOR	WINTER DAYS	FLIGHTS	SUMMER DAYS	FLIGHTS	TOTAL FLIGHTS	TOTAL SEATS (4)	LOAD FACTOR
2008-2009 (1)	110	1			110	8360	62%	110	1			110	8360	62%
2009-2010 (2)	115	4	202	1	662	50312	70%	115	4	202	1	662	50312	70%
2010-2011	115	4	202	1	662	55312	75%	115	5	202	1	777	57902	75%
2011-2012	115	5	202	1	777	59052	80%	115	6	202	1	892	66642	80%
2012-2013	115	7	202	1	1007	76532	83%	115	8	202	1	1122	82972	83%
2013-2014	115	8	202	1	1122	85272	83%	115	8	202	1	1122	82972	83%
2014-2015	115	8	202	1	1122	85272	83%	115	8	202	1	1122	82972	83%
2015-2016	115	8	202	1	1122	85272	83%	115	8	202	1	1122	82972	83%
2016-2017	115	8	202	1	1122	85272	83%	115	8	202	1	1122	82972	83%

(1) Actual

(2) Underway and projected

(3) Assumes 76-seat Q400

(4) Assumes Q400 for summer service; 75% Q400 and 25% CRJ for winter service



U.S Department  
of Transportation

**Federal Aviation  
Administration**

Western-Pacific Region  
Airports Division

Airports District Office  
831 Mitten Road, Room 210  
Burlingame, CA 94010

January 26, 2010

Robert F. Clark  
Town Manager  
Office of Town Manager  
P. O. Box 1609  
Mammoth Lakes, CA 93546

Dear Mr. Clark

**RE: Mammoth Yosemite Airport;  
FAA Approval of Revised Commercial Aviation Activity Forecasts**

The Airports District Office (ADO) has reviewed the Town of Mammoth Lakes updated aviation activity forecast, dated December 21, 2009, for commercial service activity at the Mammoth Yosemite Airport.

The ADO completed the review of the updated forecast and the supporting documentation consisting of the United Airlines letter of commitment, which outlined the airline's intent to begin commercial air service between San Francisco International Airport (SFO) and the Mammoth Yosemite Airport (MMH). The city pair market would be serviced with a proposed United Express CRJ-700 aircraft, operated by Skywest Airlines. Proposed winter season commercial service would begin in December, 2010 time-frame.

Accordingly, the ADO has the following determination:

- Based on the supporting documentation and airline letter of commitment, the ADO concurs with the Town of Mammoth Lakes, that a 2010 winter season scheduled commercial service provider is likely at the MMH facility.
- The ADO concurs with the *Proposed Action* as reflected in the *Revised Forecasts of Commercial Aviation Activity* forecast table for MMH.
- The ADO has determined that the revised local forecast is within 15 percent of the FAA Terminal Area Forecast (TAF) in the 10-year forecast period. As such, the FAA approves the local forecast for commercial aviation activity.

The FAA uses the TAF for each airport to guide and prioritize future facility needs and funding requirements. For this reason, FAA reviews the aviation activity forecasts to ensure consistency and reasonableness.

We appreciate the opportunity to comment on this document. If you have any questions, please contact me at (650) 876-2778, ext 615.

Sincerely,

Fernando Yáñez  
FAA Airport Planner