

BASED AIRCRAFT			RUNWAY USE DISTRIBUTION		
	Current ^a 2013	Future ^a 2036 forecast		Current 2013	Future 2036 forecast
<i>Aircraft Type</i>			<i>Single-Engine Piston Airplanes – Day/Evening/Night</i>		
Single-Engine, Piston	156	160	Takeoffs		
Twin-Engine, Piston	12	12	Runway 11	4%	no change
Turboprop	27	41	Runway 29	77%	58%
Jets	16	32	Runway 2	8%	16%
Helicopters	6	8	Runway 20	11%	22%
Gliders ^b	4	4	Landings		
<i>Total Aircraft</i>			Runway 11	4%	no change
Permanently Based ^b	149	171	Runway 29	66%	47%
Seasonally Based ^b	72	86	Runway 2	8%	16%
			Runway 20	22%	33%
			<i>Twin-Engine Airplanes & Turboprops – Day/Evening/Night</i>		
			Takeoffs		
			Runway 11	4%	no change
			Runway 29	88%	76%
			Runway 2	2%	8%
			Runway 20	6%	12%
			Landings		
			Runway 11	4%	no change
			Runway 29	82%	64%
			Runway 2	2%	8%
			Runway 20	12%	24%
			<i>Jets – Day/Evening/Night</i>		
			Takeoffs		
			Runway 11	3%	no change
			Runway 29	96%	88%
			Runway 2	0.5%	6%
			Runway 20	0.5%	3%
			Landings		
			Runway 11	3%	no change
			Runway 29	94%	83%
			Runway 2	1%	4%
			Runway 20	2%	10%
AIRCRAFT OPERATIONS			FLIGHT TRACK USAGE (Current and Future)		
	Current ^a 2013	Future ^a 2036 forecast	<i>Takeoffs, Runway 29 – Piston and Turboprop Aircraft</i>		
<i>Total</i>			▪ 80%–90% to Donner Pass		
Annual	26,470	31,139	▪ 5%–20% to TRUCK Intersection		
Average Day, Annual	73	85	▪ 2%–3% to Tahoe		
Average Day, Peak Season	164	182	<i>Takeoffs, Runway 29 – Jets</i>		
<i>Distribution by Aircraft Type</i>			▪ 15% to Donner Pass		
Single-Engine Piston	62%	60%	▪ 85% to TRUCK Intersection		
Twin-Engine Piston	5%	5%	<i>Takeoffs, Runway 20 – Light Aircraft (excluding touch-and-go operations)</i>		
Turboprop	11%	11%	▪ 100% 225° left turn		
Jet	6%	8%	<i>Landings, Runway 29 – All Aircraft</i>		
Helicopter	6%	8%	▪ 100% left traffic pattern		
Gliders	10%	8%	<i>Landings, Runway 20 – All Aircraft</i>		
<i>Distribution by Type of Operation</i>			▪ 100% right traffic pattern		
Local (incl. touch-and-goes)	44%	40%			
Itinerant	56%	60%			
TIME OF DAY DISTRIBUTION					
	Current 2013	Future 2036 forecast			
<i>Single-Engine Piston Airplanes – Takeoff & Landing</i>					
Day	95%	no change			
Evening	4%	change			
Night	1%				
<i>Twin-Engine Airplanes & Turboprops – Takeoff & Landing</i>					
Day	92%	no change			
Evening	7%	change			
Night	1%				
<i>Jets – Takeoff & Landing</i>					
Day	95%	no change			
Evening	4%	change			
Night	1%				

Notes

^a Source: Existing (2013) and forecast (2025) data from *Truckee Tahoe Airport Master Plan Report* (July 2015); Master Plan forecast used as this *Compatibility Plan's* 20-year forecast (2036).

^b Gliders not included in *Master Plan* based aircraft forecasts.

Exhibit 3-3

Airport Activity Data Summary

Truckee Tahoe Airport

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