



## **APPENDIX C**

# **RECOMMENDED ANNUAL OPERATIONS ADJUSTMENTS**



**HARVEY FIELD (S43)**  
**9900 Airport Way | Snohomish, WA 98296**  
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March 4, 2015

Recommended Annual Operations Adjustments

Harvey Field does not have an operating control tower. Accurately tracking operations absent the control tower and without counters is challenging and estimated. During the first Master Plan Study completed in the early 1980's, WSDOT Aviation's counting device equipment was utilized over a period of 12 months to accurately determine the number of operations conducted at Harvey Field. Since that time, actual counters have not been utilized. Based on a recent study/review of aviation activity trends at Harvey Field beginning with year 2000 and following through year end of 2014, I recommend that the current listed operations be adjusted by a percentage reduction of 28%. The aviation activity trends reviewed between year 2000 and year 2014 were:

- Based Aircraft counts
- Flight Training hours flown (FW & RC)
- Gallons of Jet A sold
- Gallons of 100 LL sold
- Aircraft changes made in Skydiving Operations
  - Traditionally 4 – 6 Cessna 182's and one Cessna 206 were utilized in the Skydiving operations. On occasion a leased Caravan or Otter would be brought in for special functions.
  - Three years ago, the fleet mixed changed from the above to one based Cessna 208B Caravan purchased by the Skydiving organization and two Cessna 182s.
  - The Caravan carries 16 skydivers; as a result, operations were significantly reduced with the purchase of the Cessna Caravan 208B.

Current listed operations: 139,195

Recommended change in listed operations 100,220

  
Kandace A. Harvey  
Airport Sponsor/Owner

**FAA APO TERMINAL AREA FORECAST - HARVEY FIELD S43**

Forecast Issued January 2015

Fiscal Year	AIRCRAFT OPERATIONS													Total Ops	Based Aircraft
	Enplanements			Itinerant Operations						Local Operations					
	Air Carrier	Commuter	Total	Air Carrier	Air Taxi & Commuter	GA	Military	Total	Civil	Military	Total				
1990	0	0	0	0	1,504	74,800	1,000	77,304	38,500	0	38,500	115,804	312		
1991	0	0	0	0	1,504	74,800	1,000	77,304	38,500	0	38,500	115,804	312		
1992	0	0	0	0	1,504	74,800	1,000	77,304	38,500	0	38,500	115,804	312		
1993	0	0	0	0	1,504	74,800	1,000	77,304	38,500	0	38,500	115,804	312		
1994	0	0	0	0	1,504	74,800	1,000	77,304	38,500	0	38,500	115,804	309		
1995	0	0	0	0	1,549	77,044	1,030	79,623	39,655	0	39,655	119,278	316		
1996	0	0	0	0	1,549	77,044	1,030	79,623	39,655	0	39,655	119,278	316		
1997	0	0	0	0	1,704	84,748	1,133	87,585	40,320	0	40,320	127,905	316		
1998	0	0	0	0	1,704	84,748	1,133	87,585	40,320	0	40,320	127,905	316		
1999	0	0	0	0	1,879	93,223	1,246	96,348	44,352	0	44,352	140,700	356		
2000	0	0	0	0	1,879	93,223	1,246	96,348	44,352	0	44,352	140,700	356		
2001	0	0	0	0	1,879	93,223	1,246	96,348	44,352	0	44,352	140,700	356		
2002	0	0	0	0	1,879	93,223	1,246	96,348	44,352	0	44,352	140,700	356		
2003	0	0	0	0	1,879	93,223	1,246	96,348	44,352	0	44,352	140,700	356		
2004	0	0	0	0	1,879	93,223	1,246	96,348	44,352	0	44,352	140,700	348		
2005	0	0	0	0	1,879	94,352	1,246	97,477	49,648	0	49,648	149,125	348		
2006	0	0	0	0	50	49,524	74	49,648	89,512	0	89,512	139,160	333		
2007	0	0	0	0	50	49,524	74	49,648	89,512	0	89,512	139,160	333		
2008	0	0	0	0	50	49,524	74	49,648	89,512	0	89,512	139,160	211		
2009	0	0	0	0	50	49,524	74	49,648	89,512	0	89,512	139,160	211		
2010	0	0	0	0	550	51,726	74	52,350	94,500	0	94,500	146,850	203		
2011	0	0	0	0	50	49,524	74	49,648	89,512	0	89,512	139,160	203		
2012	0	0	0	0	50	49,524	74	49,648	89,512	0	89,512	139,160	218		
2013	0	0	0	0	8,445	86,135	75	94,655	44,540	0	44,540	139,195	241		
2014*	0	0	0	0	8,611	87,711	75	96,397	45,342	0	45,342	141,739	243		
2015*	0	0	0	0	8,777	89,315	75	98,167	46,158	0	46,158	144,325	245		
2016*	0	0	0	0	8,777	89,718	75	98,570	46,370	0	46,370	144,940	248		
2017*	0	0	0	0	8,777	90,123	75	98,975	46,584	0	46,584	145,559	250		
2018*	0	0	0	0	8,777	90,530	75	99,382	46,798	0	46,798	146,180	252		
2019*	0	0	0	0	8,777	90,938	75	99,790	47,013	0	47,013	146,803	254		
2020*	0	0	0	0	8,777	91,348	75	100,200	47,229	0	47,229	147,429	256		
2021*	0	0	0	0	8,777	91,758	75	100,610	47,447	0	47,447	148,057	259		
2022*	0	0	0	0	8,777	92,171	75	101,023	47,665	0	47,665	148,688	261		
2023*	0	0	0	0	8,777	92,586	75	101,438	47,884	0	47,884	149,322	263		
2024*	0	0	0	0	8,777	93,003	75	101,855	48,104	0	48,104	149,959	265		
2025*	0	0	0	0	8,777	93,423	75	102,275	48,325	0	48,325	150,600	267		
2026*	0	0	0	0	8,777	93,845	75	102,697	48,547	0	48,547	151,244	269		
2027*	0	0	0	0	8,777	94,267	75	103,119	48,770	0	48,770	151,889	271		
2028*	0	0	0	0	8,777	94,692	75	103,544	48,994	0	48,994	152,538	273		
2029*	0	0	0	0	8,777	95,119	75	103,971	49,219	0	49,219	153,190	275		
2030*	0	0	0	0	8,777	95,548	75	104,400	49,446	0	49,446	153,846	277		
2031*	0	0	0	0	8,777	95,978	75	104,830	49,674	0	49,674	154,504	279		
2032*	0	0	0	0	8,777	96,410	75	105,262	49,903	0	49,903	155,165	281		
2033*	0	0	0	0	8,777	96,844	75	105,696	50,133	0	50,133	155,829	283		
2034*	0	0	0	0	8,777	97,280	75	106,132	50,364	0	50,364	156,496	285		
2035*	0	0	0	0	8,777	97,717	75	106,569	50,596	0	50,596	157,165	287		
2036*	0	0	0	0	8,777	98,156	75	107,008	50,829	0	50,829	157,837	289		
2037*	0	0	0	0	8,777	98,598	75	107,450	51,063	0	51,063	158,513	291		
2038*	0	0	0	0	8,777	99,042	75	107,894	51,298	0	51,298	159,192	293		
2039*	0	0	0	0	8,777	99,488	75	108,340	51,534	0	51,534	159,874	295		
2040*	0	0	0	0	8,777	99,937	75	108,789	51,771	0	51,771	160,560	297		