



International Civil Aviation Organization

**The Twentieth Meeting of the Regional Airspace Safety Monitoring
Advisory Group (RASMAG/20)**

Bangkok, Thailand, 26-29 May 2015

Agenda Item 5: Airspace Safety Monitoring Activities/Requirements in the Asia/Pacific Region

PARMO LTHM BURDEN ESTIMATE UPDATE

(Presented by the USA)

SUMMARY

This working paper provides an assessment of the long term height monitoring (LTHM) requirements associated with operations for which the PARMO is the responsible Regional Monitoring Agency (RMA). An estimate of the airframes not monitored within the two-year window is provided. In addition, a coarse estimate for the airframes not monitored within the current two-year window is provided for the operations observed in the Pacific airspace for which NAARMO is the responsible RMA. The PARMO and NAARMO approvals and global monitoring records as of 15 April 2015 were used to assess the operator compliance with the LTHM requirements.

1. INTRODUCTION

1.1 As a result of the amendments made to Annex 6 concerning global RVSM long-term monitoring requirements, APANPIRG/18 tasked Asia/Pacific RMAs in conjunction with RASMAG to prepare a regional impact statement to estimate consequences for each State in the Asia/Pacific Region, including the anticipated monitoring burden.

1.2 For RASMAG/11 PARMO prepared an estimate of its own monitoring burden using December 2008 traffic sample data (TSD). Combined with the same information from the other Asia/Pacific RMA's, the **ASIA/PACIFIC REGIONAL IMPACT STATEMENT** (reference 1) was developed by RASMAG and endorsed by APANPIRG/20 in September 2009.

1.3 At RASMAG/16, it was decided that "All RMAs should develop monitoring burden tables using the format presented in WP17 and provide this information to RASMAG17, and on an on-going basis" (reference 2) to maintain the current standing of the region's monitoring burden in relation to the November 2012 deadline set forth in Annex 6.

1.4 This paper provides an update of operator compliance with the LTHM requirements associated with operations for which the PARMO is the designated RMA. This assessment utilizes the PARMO approvals database and the global monitoring data available as of April 2015. In addition, an estimate of the operator compliance with the LTHM requirements associated with operations observed in Pacific airspace for which the NAARMO is the designated RMA is provided. The collective December 2014 PARMO traffic sample was utilized to identify the operations for which the NAARMO is the designated RMA.

2. DISCUSSION

2.1 The PARMO approvals database as of 15 April 2015 was examined to determine the current operator compliance with the LTHM requirements. The approvals for the countries under PARMO responsibility (Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, New Zealand, Palau, Republic of Korea, Samoa, Tonga) were compiled and each approved airframe was mapped to a monitoring category from the most current version of the Minimum Monitoring Requirements (MMR) table (version as of December 2014) based on the respective aircraft type. Any aircraft not found in the current MMR table was assigned a category 3, resulting in 100% monitoring of the associated fleet.

2.2 The operator compliance with the LTHM requirements was determined based on the estimated fleet size for each operator/aircraft type identified in the approvals data and the minimum monitoring category applicable to the respective aircraft type. Each unique operator/aircraft type combination was compared against the collective monitoring data to determine whether or not any of the respective aircraft had been monitored within the last two years.

2.3 A total of **510** unique airframes with RVSM approval were identified with a resultant monitoring burden of **20**. Table 1 provides a summary by State of operator/registry for the estimated number of airframes that require monitoring, having no monitoring record within two years of 15 April 2015. The results of the PARMO monitoring burden presented to RASMAG/19 as of 7 May 2014 (reference 3) are included for the purpose of comparison. The monitoring burden has decreased by 16 airframes during the past year.

Table 1. Summary of PARMO monitoring burden

State of Operator/ State of Registry	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of Aircraft Not Monitored within 2 years as of 15/04/15	Total # of Aircraft Not Monitored within 2 years as of 07/05/2014 ¹
Fiji	11	8	0	6
French Territory	5	5	1	1
New Zealand	112	42	7	17
Republic of Korea	378	73	11	10
Samoa	2	2	0	1
Tonga	2	2	1	1
Grand Total	510	132	20	36

2.4 Operations for which the NAARMO is the designated RMA observed in the flight information regions (FIRs) under PARMO responsibility were also examined. The assessment utilizes the unique airframes are associated with States under NAARMO responsibility from the December 2014 traffic samples provided by the Pacific FIRs under PARMO responsibility.

2.5 Since the last RASMAG meeting, the PARMO has gained access to a new source of data that provides the airframes associated with most of the traffic data records. Therefore, the results of the monitoring burden analysis are more accurate than what has previously been presented.

2.6 The unique airframes extracted from the December 2014 were matched to the NAARMO approvals and global monitoring records as of 15 April 2015, and subsequently mapped to a monitoring category from the most current version of the Minimum Monitoring Requirements (MMR) table (version as of December 2014) based on the respective aircraft

¹ reference 3

type. Any aircraft not found in the current MMR table was assigned a category 3, resulting in 100% monitoring of the associated fleet.

2.7 The associated monitoring burden was calculated based on the estimated fleet size of aircraft observed to be operating in the Pacific for each operator/aircraft type identified in the traffic data and the minimum monitoring category applicable to the respective aircraft type. A total of **2,087** unique airframes were estimated with a resultant monitoring burden of **13**.

2.8 Table 2 provides a summary by State of operator/registry of the estimate of airframes that require monitoring, having no monitoring record within two years of 15 April 2015, for the aircraft under NAARMO responsibility that are observed to operate in the Pacific airspace. The results of the NAARMO monitoring burden presented to RASMAG/19 as of 7 May 2014 (reference 3) are included for the purpose of comparison. The monitoring burden has decreased by approximately 192 airframes during the past year. This significant decrease is likely due to the improvement in the base data used for this analysis and the increased availability of height monitoring in the Asia Pacific Region.

Table 2. Estimate of NAARMO monitoring burden for aircraft operating in Pacific

State of Operator/State of Registry	Total # Approved Airframes Operating in Pacific	Resultant Monitoring Burden (# Airframes)	Total # of Aircraft Not Monitored within 2 years as of 15/04/15	Total # of Aircraft Not Monitored within 2 years as of 07/05/2014 ²
Canada	143	47	1	5
Mexico	90	22	7	5
United States	1,854	602	5	195
Grand Total	2,087	671	13	205

2.9 Appendix A provides the details of the PARMO monitoring burden based on the PARMO approvals and global monitoring data as of 15 April 2015. In addition, Appendix A provides the details of the estimated NAARMO monitoring burden for aircraft operating in the Pacific based on the December 2014 collective PARMO traffic data matched to the NAARMO approvals and global monitoring data as of 15 April 2015.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- note the information provided in the paper and Appendix;
- consider the potential impact of the operations not compliance with the LTHM requirements; and
- incorporate the information contained in this paper with similar data obtained from other Asia Pacific RMAs to assess the impact for the Asia Pacific region.

References

- 1) ICAO Asia/Pacific Regional Office. *ASIA/PACIFIC REGIONAL IMPACT STATEMENT, RVSM GLOBAL LONG TERM HEIGHT MONITORING REQUIREMENTS EFFECTIVE FROM NOVEMBER 2010*, October 2010.

² Reference 3

- 2) Report of the Sixteenth Meeting of the Regional Airspace Safety Monitoring Advisory Group (RASMAG/16), Bangkok, Thailand, 20-23 February 2012.
- 3) PARMO, *PARMO LTHM Burden Estimate Update*, RASMAG/19, WP/23, Pattaya, Thailand, May 2014.

Appendix A. Detailed Estimate of Operator Compliance with LTHM Requirements for PARMO

FIJI:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
FJI	AIR PACIFIC, LTD.	A330	1	3	2	0
FJI	AIR PACIFIC, LTD.	B737NX	1	4	2	0
FJI	AIR PACIFIC, LTD.	B744-5	1	2	2	0
FJI	AIR PACIFIC, LTD.	B747CL	1	1	1	0
FJI	AIR PACIFIC, LTD.	B767	1	1	1	0
FIJI TOTALS				11	8	0

FRENCH TERRITORIES:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
ACI	AIR CALEDONIE INTERNATIONAL	A320	1	2	2	1
ACI	AIR CALEDONIE INTERNATIONAL	A330	1	2	2	0
ACI	AIR CALEDONIE INTERNATIONAL	B737CL	1	1	1	0
FRENCH TERRITORY TOTALS				5	5	1

NEW ZEALAND:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
SERKL		GLF5	1	1	1	0
N326JK		C525	1	1	1	0
VQBM T		GLF4	1	1	1	0
ZKAWK		C560	1	1	1	1
ZKJTH		C680	1	1	1	0
ZKKFB		GLF6	2	1	1	0
ZKLCA		C510	2	1	1	1
ZKMMM		BE30	2	1	1	0
ZKMOT		C510	2	1	1	1
ZKMUS		C510	2	1	1	1
ZKRGB		GALX	1	1	1	0
ZKRML		WW24	2	1	1	0
ZKTBM		C25B	1	1	1	0
ZKTLD		B737CL	1	1	1	0
ZKXVL		LJ35-36	2	1	1	0
ZKNXJ		BE40	2	1	1	0
ZKPGA		C25C	2	1	1	1
ANZ	AIR NEW ZEALAND, LTD.	A320	1	24	2	0
ANZ	AIR NEW ZEALAND, LTD.	B737CL	1	13	2	2
ANZ	AIR NEW ZEALAND, LTD.	B744-5	1	6	2	0
ANZ	AIR NEW ZEALAND, LTD.	B747CL	1	1	1	0
ANZ	AIR NEW ZEALAND, LTD.	B767	1	13	2	0
ANZ	AIR NEW ZEALAND, LTD.	B772	1	8	2	0
ANZ	AIR NEW ZEALAND, LTD.	B773	1	7	2	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
ANZ	AIR NEW ZEALAND, LTD.	B787	2	3	2	0
AWK	AIRWORK (NEW ZEALAND), LTD.	B737CL	1	6	2	0
FOM	SOUTH PACIFIC AIR CHARTERS	B737CL	1	2	2	0
PAO	POLYNESIAN AIRLINE OPERATIONS, LTD.	B737NX	1	1	1	0
PBI	Pacific Blue Airlines (NZ), LTD.	B737NX	1	1	1	0
PBN	Pacific Blue Airlines (NZ), LTD.	B737NX	1	2	2	0
NEW ZEALAND TOTALS				112	42	7

REPUBLIC OF KOREA:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
HL7222		GLF4	1	1	1	0
HL7227		B737NX	1	1	1	0
HL7576		GLEX	1	1	1	0
HL7577		CL600	1	1	1	0
HL7748		GLEX	1	1	1	0
HL7749		GLEX	1	1	1	0
HL7759		B737NX	1	1	1	0
HL7770		B737NX	1	1	1	0
HL7787		B737NX	1	1	1	0
HL7799		GLF5	1	1	1	0
HL8200		GLF5	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
HL8229		GLEX	1	1	1	1
HL8230		GLEX	1	1	1	0
HL8238		GLEX	1	1	1	0
HL8270		B737NX	1	1	1	1
HL8288		GLF5	1	1	1	0
HL8290		B737NX	1	1	1	0
AAR	ASIANA AIRLINES	A320	1	37	2	0
AAR	ASIANA AIRLINES	A330	1	15	2	0
AAR	ASIANA AIRLINES	A380	2	2	2	2
AAR	ASIANA AIRLINES	B737CL	1	8	2	0
AAR	ASIANA AIRLINES	B744-5	1	16	2	0
AAR	ASIANA AIRLINES	B767	1	13	2	0
AAR	ASIANA AIRLINES	B772	1	13	2	0
ABL	AIR BUSAN	A320	1	9	2	0
ABL	AIR BUSAN	B737CL	1	7	2	1
AIH	ALPINE AIR CHILE	B737CL	1	2	2	2
ESR	EASTARJET	B737NX	1	14	2	0
JJA	JEJU AIR	B737NX	1	19	2	0
JNA	JIN AIR CO., LTD.	B737NX	1	12	2	0
JNA	JIN AIR CO., LTD.	B772	1	1	1	0
KAL	KOREAN AIR LINES CO., LTD.	A306	1	11	2	2
KAL	KOREAN AIR LINES CO., LTD.	A330	1	27	2	0
KAL	KOREAN AIR LINES CO., LTD.	A380	2	10	6	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
KAL	KOREAN AIR LINES CO., LTD.	B737NX	1	40	2	0
KAL	KOREAN AIR LINES CO., LTD.	B744-5	1	43	2	0
KAL	KOREAN AIR LINES CO., LTD.	B747CL	1	2	2	1
KAL	KOREAN AIR LINES CO., LTD.	B748	2	5	3	0
KAL	KOREAN AIR LINES CO., LTD.	B772	1	22	2	0
KAL	KOREAN AIR LINES CO., LTD.	B773	1	16	2	0
KAL	KOREAN AIR LINES CO., LTD.	MD11	1	4	2	0
KAL	KOREAN AIR LINES CO., LTD.	MD80	1	3	2	1
TWB	T'WAY AIR CO., LTD.	B737NX	1	10	2	0
REPUBLIC OF KOREA TOTALS				378	73	11

SAMOA:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
PAO	POLYNESIAN AIRLINE OPERATIONS, LTD.	B737CL	1	1	1	0
PAO	POLYNESIAN AIRLINE OPERATIONS, LTD.	B737NX	1	1	1	0
SAMOA TOTALS				2	2	0

TONGA:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
HRH	ROYAL TONGAN AIRLINES	B732	2	1	1	0
HRH	ROYAL TONGAN AIRLINES	B752	1	1	1	1
TONGA TOTALS				2	2	1

PARMO GRAND TOTAL (Fiji + French Territories + New Zealand + Republic of Korea + Samoa + Tonga)				Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
				510	132	20

CANADA:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes Operating in Pacific	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
CFAJC		BD100	1	1	1	0
CFASD		CL600	1	1	1	0
CFHYL		CL600	1	1	1	0
CFKMC		CL600	1	1	1	0
CFMHL		BD100	1	1	1	0
CFRCI		CL600	1	1	1	0
CGCDS		GLEX	1	1	1	0
CGCUL		FA7X	2	1	1	1
CGEJD		LJ45	1	1	1	0
CGHSW		GLEX	1	1	1	0
CGKGN		CL600	1	1	1	0
CGLUL		GLEX	1	1	1	0
CGOIL		F900	1	1	1	0
CGRGM		FA7X	2	1	1	0
CGRLE		CL600	1	1	1	0
CGSTG		CL600	1	1	1	0
CGTLA		F900	1	1	1	0
ACA	AIR CANADA	A320	1	3	2	0
ACA	AIR CANADA	B767	1	10	2	0
ACA	AIR CANADA	B772	1	4	2	0

ACA	AIR CANADA	B773	1	12	2	0
ACA	AIR CANADA	B787	2	5	3	0
ACA	AIR CANADA	E170-190	1	2	2	0
CNK	SUNWEST HOME AVIATION, LTD.	BD100	1	1	1	0
CNK	SUNWEST HOME AVIATION, LTD.	CL600	1	1	1	0
CNK	SUNWEST HOME AVIATION, LTD.	G150	2	1	1	0
NCB	NORTH CARIBOU FLYING SERVICE, LTD.	CL600	1	1	1	0
ROU	AIR CANADA ROUGE	A320	1	2	2	0
ROU	AIR CANADA ROUGE	B767	1	6	2	0
SDE	AIR PARTNERS CORP.	C750	1	1	1	0
SWG	Sunwing Airlines, INC.	B737NX	1	7	2	0
TSC	AIR TRANSAT	A310-GE	1	4	2	0
TSC	AIR TRANSAT	B737NX	1	2	2	0
WJA	WESTJET AIRLINES, LTD.	B737NX	1	64	2	0
CANADA TOTALS				143	47	1

MEXICO:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes Operating in Pacific	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
XACAO		LJ25	2	1	1	0
XACIA		C680	1	1	1	1
XAGTE		H25B-700	1	1	1	0
XAGZZ		C25C	2	1	1	0

XAICU		LJ35-36	2	1	1	1
XAJGC		LJ60	1	1	1	0
XAJUL		H25B-700	1	1	1	1
XAJYL		LJ25	2	1	1	1
XAUKF		LJ35-36	2	1	1	1
XAUMS		C510	2	1	1	0
XAUTV		LJ25	2	1	1	1
XBNZF		C650	1	1	1	1
AMX	AEROVIAS DE MEXICO, S.A. DE C.V.	B772	1	3	2	0
AMX	AEROVIAS DE MEXICO, S.A. DE C.V.	B787	2	6	4	0
AMX	AEROVIAS DE MEXICO, S.A. DE C.V.	B737NX	1	31	2	0
VOI	CONCESIONARIA VUELA COMPANIA DE AVIACION, S.A. DE C.V.	A320	1	38	2	0
MEXICO TOTALS				90	22	7

UNITED STATES:

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
LN1MM		C56X	1	1	1	0
LN363PJ		LJ35-36	2	1	1	0
LN543LM		LJ35-36	2	1	1	0
LN812AM		H25B-700	1	1	1	0
N100AK		ASTR	2	1	1	0
N100Y		C550-552	2	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N1013		BD100	1	1	1	0
N101QS		BD700	2	1	1	0
N102AK		GLF4	1	1	1	0
N105CX		GLF5	1	1	1	0
N108DN		GLF5	1	1	1	0
N108MS		B737NX	1	1	1	0
N109QS		BD700	2	1	1	0
N10VG		LJ25	2	1	1	1
N111SW		F900	1	1	1	0
N111VM		B737NX	1	1	1	0
N112CF		CL600	1	1	1	0
N114FW		C525	1	1	1	0
N115MH		GLEX	1	1	1	0
N117WR		GLF4	1	1	1	0
N119LE		GLF5	1	1	1	0
N11WM		F900	1	1	1	0
N120AK		GLEX	1	1	1	0
N1222P		GLF5	1	1	1	0
N126KC		H25B-700	1	1	1	0
N127SF		F900	1	1	1	0
N134FM		C56X	1	1	1	0
N141QS		GLEX	1	1	1	0
N145QS		GLEX	1	1	1	0
N146BA		CL600	1	1	1	0
N148FJ		F900	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N149WW		C25B	1	1	1	0
N150BC		FA7X	2	1	1	0
N152KV		C525	1	1	1	0
N155AN		GLF5	1	1	1	0
N156RE		FA50	2	1	1	0
N159JA		GLF5	1	1	1	0
N160AJ		LJ60	1	1	1	0
N162QS		GLEX	1	1	1	0
N162WC		B737NX	1	1	1	0
N164AL		LJ31	2	1	1	0
N164GB		FA50	2	1	1	0
N165AL		LJ31	2	1	1	0
N168PK		GLF4	1	1	1	0
N171CL		CL600	1	1	1	0
N171EX		FA7X	2	1	1	0
N17A		LJ35-36	2	1	1	0
N17EE		C680	1	1	1	0
N17GX		GLEX	1	1	1	0
N184TR		H25B-700	1	1	1	0
N186DS		GLF4	1	1	1	0
N188DX		GLF4	1	1	1	0
N189J		GLF4	1	1	1	0
N189PA		GLF2	2	1	1	0
N189TM		H25B-700	1	1	1	0
N18NY		GLF4	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N18S		GLF4	1	1	1	0
N1925M		GLF4	1	1	1	0
N192RS		FA50	2	1	1	0
N196X		GALX	1	1	1	0
N1980Z		BD100	1	1	1	0
N199XP		C750	1	1	1	0
N1AM		GLF5	1	1	1	0
N1DM		C25C	2	1	1	0
N1DW		GLF4	1	1	1	0
N1PR		F900	1	1	1	0
N1SG		GLF4	1	1	1	0
N1TM		GLF4	1	1	1	0
N1TS		B737NX	1	1	1	0
N1Z		GLF4	1	1	1	0
N200A		GLF5	1	1	1	0
N200BH		GALX	1	1	1	0
N200Y		C680	1	1	1	0
N202EX		F2TH	2	1	1	0
N202XT		BD100	1	1	1	0
N207BC		ASTR	2	1	1	0
N207K		H25C	2	1	1	0
N213F		C25B	1	1	1	0
N213TG		GLF4	1	1	1	0
N221CM		GLF3	2	1	1	0
N221QS		F2TH	2	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N222LX		GLF5	1	1	1	0
N222NB		GLF4	1	1	1	0
N226RS		GLF4	1	1	1	0
N233FT		C25B	1	1	1	0
N233KC		F900	1	1	1	0
N234LR		GLF3	2	1	1	0
N236LP		GLF4	1	1	1	0
N23SB		CL600	1	1	1	0
N245SP		C25A	2	1	1	0
N246GS		C525	1	1	1	0
N247CJ		F900	1	1	1	0
N248BT		FA50	2	1	1	0
N249RM		BE40	2	1	1	0
N24YS		GLF2	2	1	1	0
N251GV		GLF5	1	1	1	0
N251QS		F2TH	2	1	1	0
N253CM		GLF5	1	1	1	0
N253MY		B767	1	1	1	0
N267BW		BD700	2	1	1	0
N269MJ		BD100	1	1	1	0
N26WP		FA50	2	1	1	0
N270SC		GLF4	1	1	1	0
N273JC		FA7X	2	1	1	0
N277QS		F2TH	2	1	1	0
N278FJ		F900	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N278PC		BD100	1	1	1	0
N280EX		G280	2	1	1	0
N282Q		GLF5	1	1	1	0
N284CC		GLF5	1	1	1	0
N286MC		C650	1	1	1	0
N286MJ		F900	1	1	1	0
N287KB		MD80	1	1	1	0
N28ZD		GLEX	1	1	1	0
N2N		GLF6	2	1	1	0
N300ES		GLF4	1	1	1	0
N303WS		BD100	1	1	1	0
N304CC		GLEX	1	1	1	0
N311AG		R721	3	1	1	0
N311CG		GLF6	2	1	1	0
N311RS		L29B-2	2	1	1	1
N314AM		FA50	2	1	1	0
N316BD		C25B	1	1	1	0
N31NS		C560	1	1	1	0
N324JW		GLF3	2	1	1	0
N328AM		CL600	1	1	1	0
N328MM		GLF5	1	1	1	0
N330QS		E55P	2	1	1	0
N331DC		F2TH	2	1	1	0
N331MC		F900	1	1	1	0
N3338		BD700	2	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N350K		BE30	2	1	1	1
N356WW		GLF5	1	1	1	0
N35AJ		LJ35-36	2	1	1	0
N35CY		LJ35-36	2	1	1	0
N360AV		G150	2	1	1	0
N360HP		GLEX	1	1	1	0
N360SL		CL600	1	1	1	0
N361PJ		LJ35-36	2	1	1	0
N362FW		LJ35-36	2	1	1	0
N365QS		C680	1	1	1	0
N368AG		GLF4	1	1	1	0
N371HA		BD100	1	1	1	0
N371JC		GLF5	1	1	1	0
N374FS		GLF6	2	1	1	0
N383LS		GLF5	1	1	1	0
N388AJ		GLF4	1	1	1	0
N393BV		GLEX	1	1	1	0
N39WP		FA50	2	1	1	0
N3PG		GLF5	1	1	1	0
N401HB		GLF5	1	1	1	0
N405GA		GLF5	1	1	1	0
N415P		GLF5	1	1	1	0
N415QS		GLF4	1	1	1	0
N41GA		C550-552	2	1	1	0
N41VP		C560	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N425PQ		C680	1	1	1	0
N425QS		GLF4	1	1	1	0
N426CM		C750	1	1	1	0
N436QS		GLF4	1	1	1	0
N440QS		GLF4	1	1	1	0
TN445MD		GLF4	1	1	1	0
N448CJ		C25C	2	1	1	0
N448QS		GLF4	1	1	1	0
N450AK		FA50	2	1	1	0
N450CL		FA50	2	1	1	0
N451CS		GLF6	2	1	1	0
N451PW		GLF4	1	1	1	0
N455QS		GLF4	1	1	1	0
N456GA		GLF5	1	1	1	0
N458FS		C56X	1	1	1	0
N458N		C550-552	2	1	1	0
N45ET		GLF4	1	1	1	0
N45FG		LJ35-36	2	1	1	0
N460QS		GLF4	1	1	1	0
N462MK		GLF5	1	1	1	0
N468GH		BD700	2	1	1	0
N468QS		GLF4	1	1	1	0
N472QS		GLF4	1	1	1	0
N473HB		HA4T	2	1	1	0
N474D		GLF5	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N474M		GLF4	1	1	1	0
N477JB		GLF4	1	1	1	0
N477QS		GLF4	1	1	1	0
N484JM		CL600	1	1	1	0
N48KZ		F900	1	1	1	0
N490AM		BE40	2	1	1	0
N492QS		GLF4	1	1	1	0
N493S		F2TH	2	1	1	0
N500ZB		C550-552	2	1	1	0
N501DB		F900	1	1	1	0
N501PC		CL600	1	1	1	0
N502GM		GLF4	1	1	1	0
N502QS		GLF5	1	1	1	0
N502RP		G150	2	1	1	0
N508JP		EA50	2	1	1	0
N508QS		GLF5	1	1	1	0
N5092		GLF5	1	1	1	0
N509UP		C56X	1	1	1	0
N510AZ		C510	2	1	1	0
N510TW		C510	2	1	1	0
N511AK		GLF4	1	1	1	0
N511DB		GLF6	2	1	1	0
N512LT		GLF4	1	1	1	0
N514X		C750	1	1	1	0
N515KS		CL600	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N515PL		GLF6	2	1	1	0
N516EA		EA50	2	1	1	0
N521FX		BD100	1	1	1	0
N521HN		GLF6	2	1	1	0
N525AW		C525	1	1	1	0
N525CR		C25B	1	1	1	0
N525KF		GLF4	1	1	1	0
N525RL		C525	1	1	1	0
N528QS		GLF5	1	1	1	0
N529DV		C25B	1	1	1	0
N531QS		GLF5	1	1	1	0
N533LM		GLEX	1	1	1	0
N534CC		C56X	1	1	1	0
N534QS		GLF5	1	1	1	0
N535F		C25B	1	1	1	0
N540W		GLF5	1	1	1	0
N542SA		LJ35-36	2	1	1	0
N54BS		GLF5	1	1	1	0
N550AU		GLF5	1	1	1	0
N550EC		BE20	2	1	1	0
N550GD		GLF5	1	1	1	0
N551GT		GLF5	1	1	1	0
N555GV		GLF5	1	1	1	0
N556HD		FA50	2	1	1	0
N560GC		C56X	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N560JZ		C560	1	1	1	0
N560RV		C560	1	1	1	0
N566VR		C560	1	1	1	0
N567YX		CL600	1	1	1	0
N56CL		F900	1	1	1	0
N577QT		F900	1	1	1	0
N579RS		CL600	1	1	1	0
N57BE		WW24	2	1	1	0
N57EL		GLF4	1	1	1	0
N57MH		CL600	1	1	1	0
N583AJ		GLF4	1	1	1	0
N589K		GLF5	1	1	1	0
N58MW		F2TH	2	1	1	0
N5956B		GLF4	1	1	1	0
N598KZ		GLF5	1	1	1	0
N601WG		CL600	1	1	1	0
N604AF		CL600	1	1	1	0
N604ED		LJ60	1	1	1	0
N605PA		CL600	1	1	1	0
N605T		CL600	1	1	1	0
N607RP		BD100	1	1	1	0
N608BG		GLF3	2	1	1	0
N611TA		LJ35-36	2	1	1	0
N613WF		GLEX	1	1	1	0
N617XT		GLF4	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N619ML		GLF4	1	1	1	0
N619RJ		EA50	2	1	1	0
N61TF		BD100	1	1	1	0
N620JF		GLF5	1	1	1	0
N620JH		GLF4	1	1	1	0
N621JH		GLF4	1	1	1	0
N623DT		E50P	2	1	1	0
N626NT		F2TH	2	1	1	0
N627AF		CL600	1	1	1	0
N6458		GLF5	1	1	1	0
N64CF		LJ35-36	2	1	1	0
N650TL		CL600	1	1	1	0
N658DC		BE20	2	1	1	0
N65CC		GLF4	1	1	1	0
N65XC		GLEX	1	1	1	0
N663PD		GLF4	1	1	1	0
N673HA		GLF6	2	1	1	0
N675BP		CL600	1	1	1	0
N680KJ		C680	1	1	1	0
N688MC		GLEX	1	1	1	0
N689WM		BD700	2	1	1	0
N691CC		CL600	1	1	1	0
N693QS		C56X	1	1	1	0
N701QS		GALX	1	1	1	0
N703TM		FA50	2	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N707TE		GLF4	1	1	1	0
N711GL		GLF4	1	1	1	0
N711PE		F2TH	2	1	1	0
N712KC		C750	1	1	1	0
N712KT		GLF6	2	1	1	0
N719QS		GALX	1	1	1	0
N721S		GLF5	1	1	1	0
N726QS		GALX	1	1	1	0
N727QS		GALX	1	1	1	0
N728QS		GALX	1	1	1	0
N729QS		GALX	1	1	1	0
N729TY		GLF4	1	1	1	0
N731QS		GALX	1	1	1	0
N737RJ		C500	2	1	1	0
N743QS		GALX	1	1	1	0
N747SC		GLF6	2	1	1	0
N74FS		F900	1	1	1	0
N74GG		GLF4	1	1	1	0
N74RP		GLF5	1	1	1	0
N750GS		C750	1	1	1	0
N751AJ		C750	1	1	1	0
N751EL		C750	1	1	1	0
N752CE		C560	1	1	1	0
N757MC		GLF4	1	1	1	0
N75XP		LJ45	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N762MS		GLF6	2	1	1	0
N763DB		GLF4	1	1	1	0
N767CW		GLF5	1	1	1	0
N769MS		GALX	1	1	1	0
N76GP		C510	2	1	1	0
N774AR		C510	2	1	1	0
N783XJ		C750	1	1	1	0
N789SR		LJ31	2	1	1	0
N8000E		FA7X	2	1	1	0
N801KF		GLEX	1	1	1	0
N801TM		GLF5	1	1	1	0
N803TM		GLF5	1	1	1	0
N808MF		GLF4	1	1	1	0
N813QS		GLF5	1	1	1	0
N814RR		GLF4	1	1	1	0
N817X		FA7X	2	1	1	0
N819AP		GALX	1	1	1	0
N81MR		LJ35-36	2	1	1	0
N820MS		GLF4	1	1	1	0
N82A		GLF4	1	1	1	0
N82MF		F900	1	1	1	0
N830GS		C680	1	1	1	0
N834BA		B737NX	1	1	1	0
N835BA		B737NX	1	1	1	0
N844JD		H25B-700	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N846QM		GLF5	1	1	1	0
N850BA		TBM	2	1	1	1
N850DP		H25B-700	1	1	1	0
N851CB		GLF4	1	1	1	0
N85SM		EA50	2	1	1	0
N860BA		FA50	2	1	1	0
N868BT		FA50	2	1	1	0
N86LA		C525	1	1	1	0
N873QS		H25B-700	1	1	1	0
N8767		B737NX	1	1	1	0
N881TS		GLEX	1	1	1	0
N882WT		GLF5	1	1	1	0
N886WT		GLF6	2	1	1	0
N887LS		B737NX	1	1	1	0
N887WM		GLEX	1	1	1	0
N8880D		C25B	1	1	1	0
N888ES		GLF4	1	1	1	0
N888GJ		H25C	2	1	1	0
N888HZ		GLF5	1	1	1	0
N888LJ		LJ60	1	1	1	0
N888YC		G150	2	1	1	0
N889ST		BD700	2	1	1	0
N891E		GLF5	1	1	1	0
N898CT		F2TH	2	1	1	0
N899NC		GLF5	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N900BK		F900	1	1	1	0
N900D		F900	1	1	1	0
N900HA		C25A	2	1	1	0
N900HT		E55P	2	1	1	0
N900KE		FA50	2	1	1	0
N900KJ		F900	1	1	1	0
N900RX		F900	1	1	1	0
N900VA		H25B-700	1	1	1	0
N903CS		FA50	2	1	1	0
N904G		GLF5	1	1	1	0
N904JK		CL600	1	1	1	0
N904JY		F900	1	1	1	0
N907DF		C650	1	1	1	0
N907DP		ASTR	2	1	1	0
N907WS		CL600	1	1	1	0
N909JM		FA50	2	1	1	0
N90EW		GLEX	1	1	1	0
N910G		C500	2	1	1	0
N912MT		F2TH	2	1	1	0
N917GP		C550-552	2	1	1	0
N918JM		F900	1	1	1	0
N922QS		C750	1	1	1	0
N928CB		C550-552	2	1	1	0
N929T		FA50	2	1	1	0
N930HB		B737NX	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N933QS		C750	1	1	1	0
N939KM		GLF3	2	1	1	0
N941KN		C25C	2	1	1	0
N950JB		F900	1	1	1	0
N950LG		GLF4	1	1	1	0
N950RD		F900	1	1	1	0
N950X		FA7X	2	1	1	0
N951QS		C750	1	1	1	0
N955EA		LJ24	2	1	1	0
N960QS		C750	1	1	1	0
N961V		GLF4	1	1	1	0
N962QS		C750	1	1	1	0
N962SS		GLF4	1	1	1	0
N96AD		G150	2	1	1	0
N96PB		C25B	1	1	1	0
N974HR		F2TH	2	1	1	0
N978QS		C750	1	1	1	0
N97XP		H25B-700	1	1	1	0
N9889		GALX	1	1	1	0
N988T		F900	1	1	1	0
N98RP		F2TH	2	1	1	0
N9900R		EA50	2	1	1	0
N991BB		C510	2	1	1	0
N991TW		CL600	1	1	1	0
N992MS		GLF4	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
N996LP		E50P	2	1	1	0
N997QS		C750	1	1	1	0
N999HZ		GLF5	1	1	1	0
N999ND		BD100	1	1	1	0
N999PM		F900	1	1	1	0
N999QS		C750	1	1	1	0
AAL	AMERICAN AIRLINES, INC.	B773	1	9	2	0
AAL	AMERICAN AIRLINES, INC.	A320	1	10	2	0
AAL	AMERICAN AIRLINES, INC.	B752	1	14	2	0
AAL	AMERICAN AIRLINES, INC.	B767	1	36	2	0
AAL	AMERICAN AIRLINES, INC.	B772	1	40	2	0
AAL	AMERICAN AIRLINES, INC.	B737NX	1	56	2	0
ASA	ALASKA AIRLINES, INC.	B737CL	1	27	2	0
ASA	ALASKA AIRLINES, INC.	B737NX	1	109	2	0
ATN	AIR TRANSPORT INTERNATIONAL (TULSA, OK)	B752	1	1	1	0
AWE	AMERICA WEST AIRLINES (TEMPE, AZ)	A320	1	30	2	0
BJS	Business Jet Solutions	CL600	1	1	1	0
BJS	Business Jet Solutions	GLEX	1	1	1	0
BJS	Business Jet Solutions	LJ40	1	1	1	0
BJS	Business Jet Solutions	BD100	1	4	2	0
BSK	MIAMI AIR INTERNATIONAL, INC. (MIAMI, FL)	B737NX	1	1	1	0
CKS	AMERICAN INTERNATIONAL AIRWAYS, INC. D/B/A CONNIE	B747CL	1	4	2	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
	KALITTA SERVICES, INC. (YPSILANTI, MI)					
CKS	AMERICAN INTERNATIONAL AIRWAYS, INC. D/B/A CONNIE KALITTA SERVICES, INC. (YPSILANTI, MI)	B744-5	1	6	2	0
CMB	US TRANSPORTATION COMMAND	B767	1	2	2	0
CPZ	Compass Airlines, INC.	E170-190	1	1	1	0
DAL	DELTA AIR LINES, INC.	MD80	1	3	2	0
DAL	DELTA AIR LINES, INC.	B712	1	3	2	0
DAL	DELTA AIR LINES, INC.	A320	1	10	2	0
DAL	DELTA AIR LINES, INC.	B744-5	1	13	2	0
DAL	DELTA AIR LINES, INC.	B753	1	14	2	0
DAL	DELTA AIR LINES, INC.	MD90	1	14	2	0
DAL	DELTA AIR LINES, INC.	B772	1	18	2	0
DAL	DELTA AIR LINES, INC.	B752	1	30	2	0
DAL	DELTA AIR LINES, INC.	A330	1	31	2	0
DAL	DELTA AIR LINES, INC.	B767	1	64	2	0
DAL	DELTA AIR LINES, INC.	B737NX	1	83	2	0
DCM	FLTPLAN, LLC (SOUTHBURY, CT)	GALX	1	1	1	0
DCM	FLTPLAN, LLC (SOUTHBURY, CT)	P180	2	1	1	0
DOJ	UNITED STATES DEPARTMENT OF JUSTICE PRISONER AND ALIEN TRANSPORTATION SERVICE (JPATS) (EL PASO, TX)	SB20	2	1	1	0
DPJ	Delta Private Jets, Inc. (Cincinnati, OH)	F2TH	2	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
	OH)					
DPJ	Delta Private Jets, Inc. (Cincinnati, OH)	C750	1	1	1	0
DPJ	Delta Private Jets, Inc. (Cincinnati, OH)	GLF4	1	1	1	0
DZR	MIDWEST AVIATION (OMAHA, NE)	GLF4	1	1	1	0
EDG	WESTERN AIR CHARTER, INC. D/B/A JET EDGE (SCOTTSDALE, AZ)	GLF6	2	1	1	0
EDG	WESTERN AIR CHARTER, INC. D/B/A JET EDGE (SCOTTSDALE, AZ)	G280	2	1	1	0
EDG	WESTERN AIR CHARTER, INC. D/B/A JET EDGE (SCOTTSDALE, AZ)	F2TH	2	2	2	0
EDG	WESTERN AIR CHARTER, INC. D/B/A JET EDGE (SCOTTSDALE, AZ)	GLF4	1	4	2	0
EJA	EXECUTIVE JET AVIATION, INC. (COLUMBUS, OH)	E55P	2	1	1	0
EJA	EXECUTIVE JET AVIATION, INC. (COLUMBUS, OH)	GALX	1	1	1	0
EJA	EXECUTIVE JET AVIATION, INC. (COLUMBUS, OH)	H25B-700	1	1	1	0
EJA	EXECUTIVE JET AVIATION, INC. (COLUMBUS, OH)	C56X	1	3	2	0
EJM	EXECUTIVE JET MANAGEMENT, INC. (CINCINNATI, OH)	F900	1	1	1	0
EJM	EXECUTIVE JET MANAGEMENT, INC. (CINCINNATI, OH)	BD700	2	1	1	0
EJM	EXECUTIVE JET MANAGEMENT, INC. (CINCINNATI, OH)	CL600	1	1	1	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
EJM	EXECUTIVE JET MANAGEMENT, INC. (CINCINNATI, OH)	GLF6	2	1	1	0
EJM	EXECUTIVE JET MANAGEMENT, INC. (CINCINNATI, OH)	F2TH	2	1	1	0
EJM	EXECUTIVE JET MANAGEMENT, INC. (CINCINNATI, OH)	GLF4	1	2	2	0
EJM	EXECUTIVE JET MANAGEMENT, INC. (CINCINNATI, OH)	GLF5	1	4	2	0
FDX	FEDERAL EXPRESS CORP. (LITTLE ROCK, AR)	B744-5	1	1	1	0
FDX	FEDERAL EXPRESS CORP. (LITTLE ROCK, AR)	DC10	1	3	2	0
FDX	FEDERAL EXPRESS CORP. (LITTLE ROCK, AR)	A306	1	4	2	0
FDX	FEDERAL EXPRESS CORP. (LITTLE ROCK, AR)	B772	1	25	2	0
FDX	FEDERAL EXPRESS CORP. (LITTLE ROCK, AR)	MD11	1	52	2	0
FTH	Mountain Av., Inc.	G150	2	1	1	0
GHA	GHANA AIRWAYS CORP.	F900	1	1	1	0
GTH	GENERAL AVIATION FLYING SERVICES (TETERBORO, NJ)	GLF4	1	1	1	0
GTI	ATLAS AIR, INC. (JAMAICA, NY)	B744-LCF	2	4	3	0
GTI	ATLAS AIR, INC. (JAMAICA, NY)	B748	2	4	3	0
GTI	ATLAS AIR, INC. (JAMAICA, NY)	B744-5	1	8	2	0
HAL	HAWAIIAN AIRLINES	B767	1	10	2	0
HAL	HAWAIIAN AIRLINES	A330	1	19	2	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
JPB	ACP JET CHARTERS, INC. (FORT PIERCE, FL)	GLF4	1	1	1	0
JPT	Prime Jet LLC	GLF3	2	1	1	0
JTL	JET LINX AVIATION, LLC (OMAHA, NE)	FA50	2	1	1	0
KAI	KAISER AIR, INC. (OAKLAND, CA)	B737NX	1	1	1	0
KAI	KAISER AIR, INC. (OAKLAND, CA)	GLF4	1	1	1	0
KFS	KALITTA FLYING SERVICE, INC. (MORRISTOWN, TN)	LJ35-36	2	1	1	0
LXJ	BOMBARDIER AEROSPACE D/B/A BOMBARDIER BUSINESS JET SOLUTIONS, INC. (DALLAS, TX)	CL600	1	3	2	0
LXJ	BOMBARDIER AEROSPACE D/B/A BOMBARDIER BUSINESS JET SOLUTIONS, INC. (DALLAS, TX)	BD100	1	5	2	0
MGE	Asia Pacific Airlines	B727	1	1	1	0
NAC	NORTHERN AIR CARGO, INC. (ANCHORAGE, AK)	B737CL	1	1	1	0
NCR	NATIONAL AIR CARGO GROUP, INC. (YPSILANTI, MI)	B744-5	1	2	2	0
OAE	OMNI AIR EXPRESS, INC. (TULSA, OK)	B772	1	1	1	0
OAE	OMNI AIR EXPRESS, INC. (TULSA, OK)	B767	1	2	2	0
OPT	FLIGHT OPTIONS (JOHNSON CITY, NY)	E55P	2	1	1	0
OPT	FLIGHT OPTIONS (JOHNSON CITY, NY)	C750	1	3	2	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
PAC	POLAR AIR CARGO, INC. (LONG BEACH, CA)	B767	1	1	1	1
PAC	POLAR AIR CARGO, INC. (LONG BEACH, CA)	B748	2	5	3	0
PAC	POLAR AIR CARGO, INC. (LONG BEACH, CA)	B744-5	1	7	2	0
PEG	Pegasus Elite Aviation, Inc.	FA50	2	1	1	0
PEG	Pegasus Elite Aviation, Inc.	GLF4	1	4	2	0
QFA	QANTAS AIRWAYS, LTD.	B744-5	1	2	2	0
SBE	SABRE AIRWAYS, LTD.	CL600	1	1	1	0
SIS	SCOTT AVIATION (FRESNO, CA)	GLF4	1	1	1	0
SIS	SCOTT AVIATION (FRESNO, CA)	GLF5	1	1	1	0
SJE	SUNAIR 2001 (PTY), LTD.	GLF5	1	1	1	0
SJJ	SpiritJets, LLC	CL600	1	1	1	0
SKW	SKY WEST AVIATION, INC. (ST. GEORGE, UT)	CRJ7	1	1	1	0
SOO	Southern Air, INC. (Columbus, OH)	B744-5	1	1	1	0
SOO	Southern Air, INC. (Columbus, OH)	B772	1	4	2	0
SWA	SOUTHWEST AIRLINES CO. (SAN ANTONIO, TX)	B737NX	1	1	1	0
TBJ	TAG AVIATION ASIA LIMITED	GLF4	1	1	1	0
TWY	SUNSET AVIATION (NOVATO, CA)	F900	1	1	1	0
TWY	SUNSET AVIATION (NOVATO, CA)	GLF4	1	1	1	0
TWY	SUNSET AVIATION (NOVATO, CA)	CL600	1	4	2	0
TWY	SUNSET AVIATION (NOVATO, CA)	GLEX	1	5	2	0
UAL	UNITED AIR LINES, INC.	B767	1	11	2	0

Operator	Operator Name	Aircraft Monitoring Group (e.g. [A342, A343])	MMR Category (1, 2 or 3)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
UAL	UNITED AIR LINES, INC.	B787	2	14	9	0
UAL	UNITED AIR LINES, INC.	B764	1	16	2	0
UAL	UNITED AIR LINES, INC.	B753	1	20	2	0
UAL	UNITED AIR LINES, INC.	B744-5	1	24	2	0
UAL	UNITED AIR LINES, INC.	B752	1	31	2	0
UAL	UNITED AIR LINES, INC.	B772	1	63	2	0
UAL	UNITED AIR LINES, INC.	A320	1	90	2	0
UAL	UNITED AIR LINES, INC.	B737NX	1	187	2	0
UPS	UNITED PARCEL SERVICE CO., (LOUISVILLE, KY)	B744-5	1	13	2	0
UPS	UNITED PARCEL SERVICE CO., (LOUISVILLE, KY)	MD11	1	36	2	0
UPS	UNITED PARCEL SERVICE CO., (LOUISVILLE, KY)	B767	1	36	2	0
VRD	Virgin America, INC.	A320	1	23	2	0
XOJ	XOJET, INC. (MCLELLAN, CA)	BD100	1	4	2	0
XOJ	XOJET, INC. (MCLELLAN, CA)	C750	1	4	2	0
UNITED STATES TOTALS				1,854	602	5

NAARMO GRAND TOTAL (estimate for aircraft operating in Pacific only) (Canada + Mexico + United States)	Total # Approved Airframes	Resultant Monitoring Burden (# Airframes)	Total # of aircraft not monitored within 2 years as of 15 April 2015
	2,087	671	13