



International Civil Aviation Organization

**The Second Meeting of the Regional Airspace Safety Monitoring Advisory Group
(RASMAG/2)**

Bangkok, Thailand, 4 – 8 October 2004

**Agenda Item 4: Review the airspace safety monitoring arrangements in the Asia/Pacific
Region and the activities of regional airspace safety monitoring agencies**

DATA ON WEATHER DEVIATION REQUESTS IN THE SOUTH PACIFIC

(Presented by the Australia)

SUMMARY

This paper provides information on statistics on weather deviation requests and ATC responses collated in the Pacific by the relevant FANS Implementation Team (FIT) and generally reported back to IPACG or ISPACG.

1. DISCUSSION

1.1 Delays or inability to obtain an ATC authorized weather deviation have been one reason cited where flight crews may need to deviate from an authorized track in a contingency situation. Such deviations should be taken into account when safety assessments are prepared for the implementation of reduced separation in airspace systems.

1.2 Statistics on weather deviation requests and ATC responses have historically been collated in the Pacific by the relevant FANS Implementation Team (FIT) and generally reported back to IPACG or ISPACG. The data detailed in the Appendices to this paper cover the period January 2002 to July 2004 and relate to information obtained from two air traffic services units in the South Pacific. The files include the number of requests, the number of Unable/Standby responses (and their percentage of the total requests), and the fastest/average response times in seconds.

2. ACTION PROPOSED

2.1 The meeting is invited to note the information detailed in this paper.

Weather Deviations 2002

Weather Deviation Requests - ATSU 1													Totals	%
Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02			
Requests	361	571	277	181	92	84	114	56	67	141	240	365	2549	
Standby Responses	35	62	35	16	17	19	19	13	11	22	17	39	305	11.965
Unable Responses	4	9	9	3	2	4	6	1	0	2	3	0	43	1.6869
Fastest Response (seconds)	16	14	15	14	24	16	14	24	24	18	16	15		
Average Response (seconds)	68	80	76	79	107	107	86	98	70	74	70	72		
Weather Deviation Requests - ATSU 2													Totals	%
Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02			
Requests	132	87	99	73	61	52	51	36	31	46	70	159	897	
Standby Responses	38	17	22	11	8	3	8	7	9	5	7	24	159	17.726
Unable Responses	9	9	1	3	1	2	1	0	3	3	6	12	50	5.5741
Fastest Response (seconds)	14	18	15	14	22	24	21	26	23	18	12	12		
Average Response (seconds)	103	104	96	85	88	77	82	117	93	71	76	71		

Weather Deviations 2003

Weather Deviation Requests - ATSU 1													Totals	%
	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03		
Requests	530	526	353	191	89	86	56	90	44	145	223	No Data	2333	
Standby Responses	43	57	41	23	21	22	14	13	10	34	40	No Data	318	13.631
Unable Responses	5	1	9	2	2	1	4	4	0	8	3	No Data	39	1.6717
Fastest Response (seconds)	15	15	14	14	24	20	22	16	17	19	15	No Data		
Average Response (seconds)	60	65	72	66	81	89	87	106	91	117	83	No Data		
Weather Deviation Requests - ATSU 2													Totals	%
	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03		
Requests	190	227	160	163	35	67	81	64	72	113	178	No Data	1350	
Standby Responses	28	26	28	25	3	8	10	14	20	25	24	No Data	211	15.63
Unable Responses	4	6	2	2	1	1	1	2	1	4	6	No Data	30	2.2222
Fastest Response (seconds)	18	8	17	16	16	15	16	13	21	19	16	No Data		
Average Response (seconds)	87	119	130	137	237	64	146	238	171	121	102	No Data		

Weather Deviations 2004

Weather Deviation Requests - ATSU 1														
	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Totals	%
Requests	789	748	379	224	180	196	188						2704	
Standby Responses	94	95	58	42	24	26	41						380	14.053
Unable Responses	11	9	17	5	3	8	7						60	2.2189
Fastest Response (seconds)	13	13	13	18	14	14	17							
Average Response (seconds)	76	73	87	77	84	71	95							
Weather Deviation Requests - ATSU 2														
	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Totals	%
Requests	266	349	250	169	180	134	95						1443	
Standby Responses	40	40	42	31	24	18	17						212	14.692
Unable Responses	10	8	3	0	3	3	1						28	1.9404
Fastest Response (seconds)	15	13	14	16	14	16	18							
Average Response (seconds)	77	74	90	109	84	112	93							