

19th STEERING COMMITTEE MEETING
Discussion Paper 2
Programme Progress Report
(Presented by Wayne Loe)

SUMMARY

The purpose of this paper is to outline the progress made to achieve programme objectives as stated in the COSCAP-NA Programme Document and other additional objectives approved at the 1st through 19th Steering Committee Meetings.

A Summary of Event Participation since the inception of COSCAP-NA is provided in Appendix A. The Detailed Course participation information for 2018 and to May 2019 is provided in Appendix B and a Summary Report of On-site Missions & Regional Events is provided in Appendix C.

1 Background

1.1 At the 1st Steering Committee Meeting conducted in Beijing, China on the 8- 9April 2003, the priorities for the programme were established and at subsequent meetings priorities are reviewed and amended as required.

The assignment of priorities was based on the following criteria:

- 1) **High** - Work to achieve the objectives will be continuous.
- 2) **Medium** - Work to achieve the objectives will be carried out as time permits.
- 3) **Low** - Little or no work will be carried out to achieve the objectives.

After review of this Progress Report decisions may be made whether priorities require further amendment.

Note: CTA comments on the objectives/outputs are in bold italics.

2 Discussion of IMMEDIATE OBJECTIVES and OUTPUTS

Under Phase IV Immediate Objectives and Outputs have been slightly modified in consideration of Programme maturity, the addition of Hong Kong China and Macao China as new Members to COSCAP-NA and evolving Member needs in diverse areas.

The expected Outputs and the aspects that continue to be relevant in Phase IV are shown under each Immediate Objective. As the COSCAP-NA Programme enters into Phase IV it is necessary to assign the priorities to the Immediate Objectives and associated outputs to ensure that Members needs are addressed on a priority basis as assigned by the Steering Committee.

2.1 Immediate Objective 1

Assisting Members in meeting ICAO requirements where applicable including any deficiencies identified by the ICAO USOAP CMA activities have been fully corrected.

Steering Committee Priority – TBD (SCM 18 High/Medium)

Output 1.1

Action Plans, where needed, for correcting outstanding deficiencies, are prepared and implemented as appropriate.

Output 1.2

In response to ICAO's new USOAP CMA, assist Members in reviewing their implementation of SARPs and related safety oversight programmes; provide technical assistance to rectify deficiencies noted and engage suitable short-term experts as requested by Members

Update for 19th SCM

ANS CMA OJT was conducted by Mr. Vic Van Der Westhuizen in DPRK on 13 October - 3 November 2018; AGA CMA OJT was conducted by Mr. Zhao Hongyuan in DPRK on 13 October - 3 November 2018; CMA PQs Gap Analysis workshop was conducted by Mr. Cheong Tuck Kong, Mr. Stanley Pun and Mr. Wayne Loe in Beijing ICAO RSO on 9-12 September 2019.

ICAO USOAP audit to GACA is anticipated for 2020.

2.2 Immediate Objective 2

Establishing a dedicated forum for coordination and cooperation among the Civil Aviation Authorities of Members, with the aim of the continued harmonization of regulations, policies and procedures related to safety oversight, improving safety standards, and applying accident prevention measures.

Steering Committee Priority – TBD (SCM 18 High)

Output 2.1

The Steering Committee of the COSCAP-NA, formally established by the programme, will have become the forum for flight safety in the North Asia Sub-Region. Given the maturity of the regulatory framework of the COSCAP-NA, harmonization initiatives will focus on new ICAO requirements as they are promulgated.

Update for 19th SCM

Assist GACA to coordinate with CAAC on the request of GACA pilots and ATC controllers English language proficiency and fire fighting training where the bilateral MOU has been signed between

two CAAs. COSCAP-NA will provide courses, workshop, etc. and support Members upon request. The 2019 workplan lists several initiatives to assist States with new requirements such as SSP, PBN, SDCPS, EDTO and HIRM. See DP4.

Output 2.2

In Phase IV and beyond, participation in Regional safety teams (APRAST and NARAST) will play a significant role in both pursuing and assisting in the implementation of the Regional Aviation Safety Group (RASG) approved safety recommendations.

Update for 19th SCM

The results of the Safety Team meetings will be reviewed in detail under DP3 – Safety Team Reports and Proposed Actions.

2.3 Immediate Objective 3

Assist Members to have the capability to conduct safety oversight of air operators, maintenance organizations, aerodromes and air navigation service providers.

Steering Committee Priority – TBD (SCM 18 Medium)

Output 3.1

Where Members lack the capability to do safety oversight independently, provide assistance to Members for the conduct of surveillance, inspection and certification of air operators, maintenance organizations, aerodromes and air navigation service providers.

Update for 19th SCM

AGA CAT mission to Mongolia for UB new airport certification validation was conducted by the invited Specialists Dr. Punya and Mr. Michiel Vreedenburgh in Mongolia on 30 March- 5 April 2019. OJT on ATO Surveillance is under coordination with CAAC on the request of MCAA in November 2019. COSCAP-NA will provide further courses, workshops and support in Member Members on request.

2.4 Immediate Objective 4

Assisting Members to have qualified safety oversight inspectors and technical personnel for the conduct of surveillance, inspection, testing, certification and regulation of flight operations, airworthiness, personnel licensing, aerodromes and air navigation service.

Steering Committee Priority – TBD (SCM 18 High)

Output 4.1

Provide ongoing support (initial and recurrent training) to Members as required.

Steering Committee Priority – TBD

Update for 19th SCM

COSCAP-NA in collaboration with sister COSCAPs in APAC region and the APAC RO delivered 22 workshops/courses/etc. following the 18th COSCAP-NA Steering Committee meeting in Hangzhou, China up to October, 2019. This included 6 in China, 2 in DPRK, 4 in Mongolia, 2 in ROK, 1 in Macau, China and 7 in Bangkok, Thailand. See DP4

Members are encouraged to view available training options at the ROK-ICAO Fellowship Training Programme: <http://www.korea-ftp.org/> and the Singapore Aviation Academy: <http://www.saa.com.sg/saa/en/index.html>

2.5 Immediate Objective 5

Assisting Members to establish effective Safety Management Systems (SMS) in the area of Aircraft Operations, Aerodromes, Maintenance, Manufactures and Air Traffic Management, etc. as required by Annex 19.

Steering Committee Priority – TBD (SCM 18 High/Medium)

Output 5.1

Regulations, standards and guidance material have been developed by Members to implement ICAO SARPs requiring service providers to implement SMS.

Output 5.2

Training programmes, seminars and safety surveys are conducted to assist Members' service providers with the implementation of SMS.

Update for 19th SCM

HIRM Workshop was conducted by the invited Instructor Mr. Mike Daniel in Mongolia on 21-25 May 2018; Basic SMS for ANS Briefing was conducted by CTA Mr. Wayne Chapin in Mongolia on 22-24 May 2018; HIRM workshop was conducted by the invited Instructor Mr. Mike Daniel in ROK on 9-15 December 2018; CTA Mr. Wayne Loe attended the SMS symposium in Bangkok on 10-15 February 2019; Advanced SMS & HIRA Workshop was conducted by the invited Instructor Ms. Elaine Parker in Beijing on 18-23 March 2019;; Human Factors integrated with SSP/SMS Workshop was

conducted in Seoul, ROK on 2-6 September 2019; same Workshop was conducted in UB, Mongolia on 9-13 September 2019; Basic SMS for operators workshop was conducted in Macau, China on 17-20 September 2019.

SMS implementation for COSCAP-NA Members has progressed well. Emphasis now needs to shift to oversight and monitoring of safety performance. COSCAP-NA will provide courses, workshops and support to Members on request.

2.7 Immediate Objective 6

Assisting Members in implementing a State Safety Programme (SSP) commensurate with the size and complexity of the respective Member's aviation system.

Steering Committee Priority – TBD (SCM 18 High)

Output 6.1

Training programmes, seminars and evaluations are conducted to assist Members with the development of and implementation of their respective SSPs.

Output 6.2

Members have completed a gap analysis, in order to ascertain the existence and status of maturity of the components and elements of their respective SSP thereby promoting the development and implementation of a SSP that combines elements of both prescriptive and performance-based approaches to the management of safety.

Output 6.3

Members have developed an SSP Implementation Plan that describes how their organization will put into practice, in a sequential, principled manner, the processes, procedures and means that will allow the Member to discharge its responsibilities associated with the management of safety in civil aviation.

Update for 19th SCM

The development and implementation of SSP in COSCAP-NA continues with Members' at various levels of SSP maturity. ICAO SDCPS (Safety Data Collection and Processing systems) was delivered at CAMIC Beijing on June 24-29 2019; SSP Risk Based Surveillance Workshop was conducted in UB, Mongolia on 19 June 2019; SSP SPI/SPT Workshop was conducted in UB, Mongolia on 20 June 2019. The CTA will maintain support to Members as requested in the area of SSP development and implementation.

3 Action of the Meeting

The Steering Committee is invited to:

- 3.1 Comment on the nature of the work completed; and,
- 3.2 Discuss, agree to and establish the Immediate Objective priority levels for Phase IV.

Training Statistics by COSCAP-NA Since Inception

YEAR	CHINA		ROK		MONGOLIA		DPRK		Hong Kong		Macao		TOTAL	
	CAA	IND	CAA	IND	CAA	IND	CAA	IND	CAA	IND	CAA	IND	CAA	IND
2003	29	127	24	13	34	40	20	6					107	186
2004	219	107	105	66	44	121	68	42					436	336
2005	213	333	73	103	26	63	25	9					337	508
2006	211	146	32	15	62	59	41	22					346	242
2007	128	109	30	4	26	54	0	0					184	167
2008	247	262	1	4	28	30	23	18					299	314
2009	123	97	50	93	53	55	92	46					318	291
2010	93	2	56	34	38	21	46	23					233	80
2011	15	42	293	175	34	3	32	16					374	236
2012	41	0	48	99	61	20	71	9					221	128
2013	121	20	127	25	32	84	35	25					315	154
2014	36	0	300	96	121	118	81	14					538	228
2015	37	59	80	0	60	0	77	3					254	62
2016	7	25	7	2	87	27	10	5					111	59
2017	27	32	1	2	45	36	46	8	0	0	2	0	121	78
2018	3	3	25	9	47	23	67	28	0	0	0	0	142	63
2019	46	50	21	16	57	22	18	0	4	0	15	16	161	104
TOTAL	1596	1414	1273	756	855	776	752	274	4	0	17	16	4497	3236

NOTE:

1. #COSCAP Staff not included in total

2. All Courses/Seminars/Workshops included up to 31 December 2019

CAA: 4497

IND: 3236

TOTAL: 7733

Course No. 272

19 th SCM	Total	COSCAP-NA
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
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dix B

COSCAP-NA DETAILS TRAINING COURSES																
2019																
S.No	COURSE	LOCATION	DATE	CHINA		ROK		MONGOLIA		DPRK		HONG KONG		MACAU		TOTAL
				CAA	IND	CAA	IND	CAA	IND	CAA	IND	CAA	IND	CAA	IND	
1	DG Recurrent Training	Beijing, China	21-26 Jan	31	5	-	-	-	-	-	-	1	-	-	-	37
2	ANS Safety Oversight Workshop	Bangkok, Thailand	18-22 Feb	-	-	-	-	1	-	-	-	-	-	-	-	1
3	RBS Seminar & workshop for Flight Operations Inspectors	Bangkok, Thailand	4-7 March	-	-	-	-	1	-	-	-	1	-	1	-	3
4	SMS & HIRA Workshop	Beijing, China	18-23 March	7	7	7	-	-	-	5	-	-	-	-	-	26
5	USOAP CMA	Bangkok, Thailand	20-22 March	-	-	-	-	-	-	-	-	-	-	1	-	1
6	Resolution of Safety Issue Course	Bangkok, Thailand	22-26 April	-	-	-	-	-	-	-	-	-	-	1	-	1
7	PBN Operations Approval Workshop	Beijing, China	13-17 May	2	8	-	-	2	-	-	-	2	-	2	-	16
8	SSP Risk Based Surveillance Workshop	UB, Mongolia	19 June 2019					15								
9	SSP SPI/SPT Workshop	UB, Mongolia	20 June 2019					10								
10	ICAO Updated and SDCPS Workshop	Beijing, China	24-27 June	2	19	-	-	-	-	-	-	-	-	-	-	21
11	ICAO SDCPS Workshop	Bangkok, Thailand	2-5 July	-	-	-	-	-	-	-	-	-	-	1	-	1
12	ICAO EDTO Workshop	Beijing, China	15-19 July	4	11	-	-	-	-	3	-	-	-	3	-	21
13	Human Factors integrated with SSP/SMS Workshop	Seoul, ROK	2-6 Sep	-	-	14	16	-	-	-	-	-	-		-	30
14	Human Factors integrated with SSP/SMS Workshop	UB, Mongolia	9-13 Sep	-	-	-	-	28	22	-	-	-	-		-	50
15	PQ USOAP CMA Analysis Workshop	Beijing, China	9-13 Sep	-	-	-	-	-	-	10	-	-	-		-	10
16	Basic SMS for operators workshop	Macau, China	17-20 Sep	-	-	-	-	-	-	-	-	-	-	6	16	22
	Total			46	50	21	16	57	22	18	0	4	0	15	16	240
	CAA: CIVIL AVIATION AUTHORITY	161	IND: INDUSTRY	104												
	Total	265														

Other activities:

Bangkok, Thailand

- Brief before assignment to Beijing and attend the APANPIRG and RASG 8 Meeting – CTA Mr. Wayne Loe on 1-8 September 2018
- Attend the 13th APRAST – CTA Mr. Wayne Loe on 2-8 December 2018
- Attend the SMS symposium – CTA Mr. Wayne Loe on 10-15 February 2019
- Attend and present at RBS workshop – CTA Mr. Wayne Loe on 4-7 March 2019
- Attend the APRAST 14 – CTA Mr. Wayne Loe on 25 May - 1 June

Nadi, Fiji

- Attend the 55th DGCA Conference – CTA Mr. Wayne Loe on 20-27 October 2018

Chongqing, China

- Attend the ACP, CAAC and Boeing 4th Airlines Operation Safety Symposium – CTA Mr. Wayne Loe and PS Ms. Sun Qun on 12-15 November 2018

Kunming, China

- Attend the Fellowship Training by CAMIC and seek the cooperation with the training facility – CTA Mr. Wayne Loe and PS Ms. Sun Qun on 25 November to 2 December 2018

Beijing, China

- 24th NARAST and 3rd MC Meeting – COSCAP-NA on 21-22 November 2018
- 25th NARAST and 4th MC Meeting – COSCAP-NA on 24-25 April 2019

Shanghai China

- Attend the ACP, CAAC/FAA and Boeing Low visibility symposium. Moderated Panel I and presented an overview of ICAO position on low vis operations

Katmandu, Nepal

- CTA attended the 56th DGCA Conference on 19-23 August 2019

Manila, Philippines

- CTA attended the CAT Mission to Philippines on 7-19 October 2019

China:

2018

- Aviation Medicine Refresher Course for Civil Aviation Medical Examiners Workshop held in Bangkok, Thailand on 19-21 November 2018, 6 industry participants attended from China

2019

- Dangerous Goods Recurrent Training was conducted by the invited Instructor Mr. Daniel

COSCAP-NA Events/Missions for Members in 2018/2019

Appendix C

Sylvestre in Beijing, China on 21-26 January 2019, 31 CAA participants and 5 industry participants attended from China

- Advanced SMS & HIRA Workshop was conducted by the invited instructor Ms. Elaine Parker in Beijing, China on 18-23 March 2019, 8 CAA participants and 7 industry participants attended from China
- PBN Operations Approval Workshop was conducted by the invited instructor Mr. Ron Dogget in Beijing, China on 13-17 May 2019, 2 CAA participants and 8 industry participants attended from China
- ICAO Updated and SDCPS Workshop was conducted by Mr. Marco Merens in CAMIC, Beijing, China on 24-27 June, 2 CAA participants and 19 industry participants attended from China
- ICAO EDTO Workshop was conducted by Mr. Ian Knowles, Mr. Eric Fortunato and Mr. Michael Mock in Beijing, China on 15-19 July, 4 CAA participants and 11 industry participants attended from China

Hong Kong, China:

2019

- Dangerous Goods Recurrent Training was conducted by the invited Instructor Mr. Daniel Sylvestre in Beijing, China on 21-26 January 2019, 1 CAA participant attended from Hong Kong, China
- RBS Seminar & workshop for Flight Operations Inspectors was conducted in Bangkok, Thailand on 4-7 March 2019, 1 CAA participant attended from Hong Kong, China
- PBN Operations Approval Workshop was conducted by the invited instructor Mr. Ron Dogget in Beijing, China on 13-17 May 2019, 2 CAA participants attended from Hong Kong, China

Macau, China:

2019

- RBS Seminar & workshop for Flight Operations Inspectors was conducted in Bangkok, Thailand on 4-7 March 2019, 1 CAA participant attended from Macau, China
- USOAP CMA workshop was conducted in Bangkok, Thailand on 20-22 March 2019, 1 CAA participant attended from Macau, China
- Resolution of Safety Issue Course was conducted in Bangkok, Thailand on 22-26 April 2019, 1 CAA participant attended from Macau, China
- PBN Operations Approval Workshop was conducted by the invited instructor Mr. Ron Dogget in Beijing, China on 13-17 May 2019, 2 CAA participants attended from Macau, China
- ICAO SDCPS Workshop was conducted in Bangkok, Thailand on 2-5 July 2019, 1 CAA participant attended from Macau, China
- ICAO EDTO Workshop was conducted by Mr. Ian Knowles, Mr. Eric Fortunato and Mr. Michael Mock in Beijing, China on 15-19 July, 3 CAA participants attended from Macau, China
- Basic SMS for operators workshop was conducted in Macau, China on 17-20 Sep, 6 CAA participants and 16 industry participants attended from Macau, China

DPRK:

2018

- On-site Visit from GACA Airworthiness Group to AMECO Beijing as a follow up action of the Reliability Programme and Structure Integrity Workshop conducted in Pyongyang on 30 July - 3 August 2018, 2 CAA participants and 6 industry participants attended from DPRK
- ANS CMA OJT conducted by Mr. Vic Van Der Westhuizen in Pyongyang, DPRK on 13 October to 3 November 2018, 22 CAA participants attended from DPRK
- AGA CMA OJT conducted by Mr. Zhao Hongyuan in Pyongyang, DPRK on 13 October - 3 November 2018, 7 CAA participants and 15 industry participants attended from DPRK
- Aerodrome Certification Course held in Bangkok, Thailand on 19-23 November 2018, 3 CAA participants attended from DPRK

2019

- Advanced SMS & HIRA Workshop conducted by the invited Instructor Ms. Elaine Parker in Beijing, China on 18-23 March 2019, 5 CAA participants attended from DPRK
- ICAO EDTO Workshop was conducted by Mr. Ian Knowles, Mr. Eric Fortunato and Mr. Michael Mock in Beijing, China on 15-19 July, 3 CAA participants attended from DPRK
- PQ USOAP CMA Analysis Workshop was conducted in Beijing, China on 9-13 Sep, 10 CAA participants attended from DPRK

Mongolia:

2018

- HIRM Workshop conducted by the invited Instructor Mr. Mike Daniel in UB, Mongolia on 21-25 May 2018, 18 CAA participants and 12 industry participants attended from Mongolia
- Basic SMS for ANS Briefing conducted by CTA Mr. Wayne Chapin in UB, Mongolia on 22-24 May 2018, 10 CAA participants attended from Mongolia

2019

- ANS Safety Oversight Workshop held in Bangkok, Thailand on 18-22 February 2019, 1 CAA participant attended from Mongolia
- RBS Seminar & workshop for Flight Operations Inspectors held in Bangkok, Thailand on 4-7 March 2019, 1 CAA participant attended from Mongolia
- PBN Operations Approval Workshop was conducted by the invited instructor Mr. Ron Dogget in Beijing, China on 13-17 May 2019, 2 CAA participants attended from Mongolia
- SSP Risk Based Surveillance Workshop was conducted by the CTA Mr. Wayne Loe in UB, Mongolia on 19 June 2019, 15 CAA participants attended from Mongolia
- SSP SPI/SPT Workshop was conducted by the CTA Mr. Wayne Loe in UB, Mongolia on 20 June 2019, 10 CAA participants attended from Mongolia
- Human Factors integrated with SSP/SMS Workshop was conducted by the invited instructor
- Mr. Mr. Jacques Astre in UB, Mongolia on 9-13 September, 28 CAA participants and 22 Industry participants attended from Mongolia

COSCAP-NA Events/Missions for Members in 2018/2019

Appendix C

ROK:

2018

- Aviation Medicine Refresher Course for Civil Aviation Medical Examiners Workshop held in Bangkok, Thailand on 19-21 November 2018, 1 CAA participant and 3 industry participants attended from ROK
- HIRM and SMS Oversight Workshop conducted by the invited instructor Mr. Mike Daniel in Seoul, ROK on 10-14 Dec 2018, 24 CAA participant and 6 industry participants attended from ROK

2019

- Advanced SMS & HIRA Workshop conducted by the invited Instructor Ms. Elaine Parker in Beijing, China on 18-23 March 2019, 6 CAA participants and 1 industry participant attended from ROK
- Human Factors integrated with SSP/SMS Workshop was conducted by the invited instructor Mr. Mr. Jacques Astre in Seoul, ROK on 2-6 September, 14 CAA participant and 16 industry participants attended from ROK