

**Asunto 3: Situación actual del Programa TRAINAIR**

3.1 Bajo este asunto de la agenda, la Reunión tomó nota del progreso alcanzado en el desarrollo del Programa TRAINAIR, observándose que el número de miembros del programa creció en casi 21%, elevándose a 39 centros de instrucción de aviación civil en 35 Estados Contratantes. El **Apéndice A** de este asunto contiene un listado de todos los miembros del Programa TRAINAIR.

3.2 Asimismo, se ofreció información sobre los mecanismos de financiamiento para establecer la capacidad de preparación de cursos TRAINAIR, los cuales podrían desarrollarse mediante proyectos de cooperación técnica de la OACI, a través de fondos fiduciarios y acuerdos de servicios administrativos o mediante acuerdos de costos compartidos con el PNUD o financiamiento con países donantes.

3.3 La Reunión tomó nota que a la fecha hay 52 conjuntos de material didáctico normalizado (CMDN) disponibles y 19 CMDN que han sido validados, los cuales estarían disponibles para fines del año 2002. El **Apéndice B** de este asunto contiene el listado de todos los CMDN tanto finalizados, en proceso de preparación y aquellos que se encuentran planeados para su preparación. El informe de la oficina central indica que desde septiembre de 2000, se ha presentado un aumento del 60% en el intercambio de CMDN entre los miembros. El **Apéndice C** de este asunto, presenta el número de CMDN compartidos por los centros de instrucción miembros del Programa.

3.4 Se informó a la Reunión que durante la GTC/8 se examinaron y enmendaron las estrategias de desarrollo del programa. Se dio máxima prioridad a la función de la oficina central de armonizar el enfoque de preparación de cursos entre los Estados miembros. En este aspecto, se puso énfasis en que actualmente se ha procurado mantener al máximo la norma de revisar los informes de fase de los CMDN en proceso de preparación dentro de los 10 días hábiles a partir de su recepción en la oficina central. También se informó sobre los talleres y seminarios para preparadores de cursos, conferencias mundiales TRAINAIR y simposios de instrucción realizados.

3.5 Se informó que la Novena Conferencia Mundial TRAINAIR y el Simposio de Instrucción (GTC/9) se ha reorganizado para que el simposio preceda a la conferencia. Sobre este asunto, los miembros de TRAINAIR en la Reunión se manifestaron de acuerdo con la nueva estructura de dicha conferencia mundial.

3.6 Dentro de las nuevas actividades del programa TRAINAIR, se informó sobre las actividades de los centros de instrucción para inspectores gubernamentales de seguridad operacional apoyados por la OACI, dentro de los que la Región SAM cuenta con el CIPE de Argentina y el IAC de Brasil.

3.7 Finalmente se explicó la necesidad de que se revisen los requisitos para las tripulaciones de vuelo del Anexo 1 y otras carencias inherentes a dicho Anexo relativas a las prácticas actuales de otorgamiento de licencias e instrucción para las tripulaciones de vuelo. Se explicó la creación de un Grupo de expertos sobre licencias e instrucción que procederá a las revisiones requeridas que también incluyen el Anexo 6, Partes I y III, Sección II relacionadas a dicho tema. Será una tarea importante decidir la adopción de normas basadas en la competencia y se espera que el grupo de expertos se basará en la experiencia y conocimientos técnicos disponibles en la Secretaría de la OACI, particularmente en la Oficina Central TRAINAIR, para ayudarle a tomar decisiones al respecto. Dada la experiencia de la Oficina Central TRAINAIR en las metodologías de instrucción basadas en la competencia y en la preparación de CMDN, también desempeñará una función importante en la elaboración de orientaciones que los Estados necesitarán para aplicar las normas basadas en la competencia, si se adopta la decisión de que dichas normas se incorporen en los Anexos.

3.8 La conferencia tomó nota de las informaciones proporcionadas y aprobó la siguiente conclusión y decisión:

**CONCLUSIÓN CRCTE/2-1**

**ORGANIZACIÓN DE LA PRÓXIMA CONFERENCIA MUNDIAL TRAINAIR**

Expresar su acuerdo sobre la organización de la Novena Conferencia Mundial TRAINAIR y Simposio de Instrucción, y actualizar la información del Apéndice B, Registro de CMDN TRAINAIR y el Registro de CMDN compartidos, Apéndice C, según sea necesario.

**APÉNDICE A****DETALLES DE LOS MIEMBROS TRAINAIR  
Al 30 de septiembre de 2002**

<b>ESTADO</b>	<b>CENTRO</b>	<b>TIPO DE MIEMBRO</b>	<b>INICIO DE LAS ACTIVIDADES DE PREPARACIÓN DE CURSOS</b>
ARGENTINA	Centro de Instrucción Perfeccionamiento y Experimentación (CIPE)	Full	February 1993
AUSTRALIA	Airservices Australia ATS Training College	(Initial STP under preparation)	March 2000
BARBADOS	School of Air Traffic Services	(Initial STP under preparation)	June 2002
BRAZIL	Instituto de Proteção ao Vôo (IPV)	Full	February 1993
BRAZIL	Instituto de Aviação Civil (IAC)	(Initial STP under preparation)	March 1994
CANADA	Nav Canada Training Institute (NCTI)	(Initial STP under preparation)	October 1994
CANADA	Centre québécois de formation aéronautique (CQFA)		November 1997
CHINA	Civil Aviation University of China (CAUC)	(Initial STP under preparation)	March 2001
COLOMBIA	Centro de Estudios Aeronáuticos (CEA)	(Initial STPs validated)	April 1994
CUBA	Centro de Capacitación Aeronáutica (CCA)	(Initial STP under preparation)	January 1997
ECUADOR	Escuela Técnica de Aviación Civil (ETAC)	(Initial STP under preparation)	March 1997
EGYPT	National Civil Aviation Training Organization (NCATO)	Full	June 1990
EL SALVADOR	Instituto Centroamericano de Capacitación Aeronautica (ICCAE)	(Initial STP under preparation)	January 1997
ETHIOPIA	Civil Aviation Training Centre (CATC)	Full	June 1990
ETHIOPIA	Multi-National Training Centre (MNTC)	Full	June 1990
FRANCE	École Nationale de l'Aviation Civile (ÉNAC)	(Initial STP under preparation)	August 2001
INDIA	Civil Aviation Training College (CATC)	Full	March 1993
INDIA	National Institute of Aviation Management and Research (NIAMAR)	Full	October 1995
INDONESIA	Civil Aviation Training Centre (CATC)	Full	April 1992
IRAN, Islamic Republic of	Civil Aviation Technology College (CATC)	Full	May 2000
JORDAN	Queen Noor Civil Aviation Technical College (QNCATC)	Full	June 1990
KENYA	East African School of Aviation (EASA)	Full	October 1990

<b>ESTADO</b>	<b>CENTRO</b>	<b>TIPO DE MIEMBRO</b>	<b>INICIO DE LAS ACTIVIDADES DE PREPARACIÓN DE CURSOS</b>
KOREA, Republic of	Civil Aviation Training Centre (CATC)	(Initial STP under preparation)	January 1999
LATVIA	Latvijas Gaisa Satiksme (LGS)	Full	October 1997
MOROCCO	Académie de l'aviation civile - Office National des Aéroports (ONDA)	Full	December 1997
NETHERLANDS	Nederlands Luchtvaart College (NLC)	(Initial STP under preparation)	November 1997
NEW ZEALAND	Airways Training Centre (ATC)	(Initial STP under preparation)	March 2002
PAKISTAN	Civil Aviation Training Institute (CATI)	Full	June 1992
PANAMA	Instituto Superior de Ciencias y Tecnologías Aeronauticas (ICTA)	Full	July 1993
PARAGUAY	Instituto Nacional de Aeronáutica Civil (INAC)	(Initial STP under preparation)	January 1997
PERU	Centro de Instrucción de Aviación Civil. (CIAC)	(Initial STP under preparation)	April 1997
PHILIPPINES	Civil Aviation Training Centre (CATC)	Full	September 2000
SAUDI ARABIA	Presidency of Civil Aviation Training Department	Full	May 2000
SINGAPORE	Singapore Aviation Academy (SAA)	(Initial STP under preparation)	September 2000
SOUTH AFRICA	Air Traffic and Navigation Services (ATNS) College	(Initial STP under preparation)	September 2001
SPAIN	Sociedad Estatal para las Enseñanzas Aeronáuticas (SENASA)	(Initial STP under preparation)	June 1999
THAILAND	Civil Aviation Training Centre (CATC)	Full	December 1992
UNITED STATES	FAA Academy	Full	May 1998
VIETNAM	Civil Aviation Training Centre of Vietnam (CATCV)	(Initial STP under preparation)	March 2001

## **APÉNDICE B**

### **LISTADO DE LOS CMDN FINALIZADOS, EN PROCESO DE PREPARACIÓN Y PLANEADOS PARA SU PREPARACIÓN**

(Este listado se presenta en las páginas a continuación.)

# STANDARDIZED TRAINING PACKAGES REGISTER SUMMARY

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ICAO	STP	Indicator	Version	Lang	Specifics	Title	Duration	Centre	Status
211	002	IDP	1	E		Instructor Development Programme	4	Central Unit ICAO	8&9
135	003	TMW	1	E		TRAINAIR Training Managers Workshop	2	Central Unit ICAO	8&9
123	004	BASIC	1	E-F-S-R-A		Basic AVSEC	2.5	AVSEC ICAO	8&9
75	005	NDT	1	E		Non-Destructive Testing - Level 1 Operator	4	NCATO Cairo	8&9
73	006	PROP	1	E		Propeller Maintenance	4	MNTC Addis Ababa	8&9
164	007	CVOR	1	E	Wilcox	CVOR Maintenance	2	QNCATC Amman	8&9
165	008	Radar	1	E	CSF	Radar Systems & Maintenance	12	EASA Nairobi	8&9
169	009	MWLMR	1	E		Microwave Link Systems: Maintenance & Repairs	6	NCATO Cairo	8&9
163	010	HFVHF	1	E	Aerocom/NEC	HF/VHF Communications Maintenance	6	CATC Addis Ababa	8&9
54	011	RCAP	2	E		Radar Control (Approach)	8	QNCATC Amman	8&9
164	012	DVOR	1	E	AWA	DVOR Maintenance	4	CATC Curug	8&9

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54	013	RCAR	1	E		Radar Control (Area)	8	QNCATC Amman	8&9
104	014	APL	1	E		Airport Lighting Maintenance	5	CATI Hyderabad	8&9
212	015	AIT	1	E		Advanced Instructor Training	5	EASA Nairobi	8&9
164	017	DME	1	E	CSF 721	DME Maintenance & Repair	6	NCATO Cairo	8&9
52	019	ATCL	1	E		ATC Licence & Aerodrome Control	17	CATC Bangkok	8&9
54	020	ATCRR	1	P		ATC Radar Refresher (Reciclagem Pratica para ATCO Radar APP)	2	IPV Sao Jose	8&9
176	021	ACS	1	E		Aeronautical Communications Supervisor	8	EASA Nairobi	8&9
105	022	CACM	1	E		Central Airconditioning System Maintenance & Repair	8	NCATO Cairo	8&9
164	023	DME	1	E	Wilcox 596B	DME Maintenance	4	QNCATC Amman	8&9
172	024	AMSSS	1	E	TUL	Automatic Message Switching System Supervisor	6	CATC Allahabad	8&9
21	030	AIS	1	S		Operador ARO/AIS	4	CIPE Buenos Aires	8&9
29	034	NOTAM	1	S		Especialista NOTAM	2	EAC Panama City	8&9

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124	036	MEM	1	E		Management of Equipment Maintenance	4	CATC Curug	8&9
54	037	CRC	1	E		Combined Radar Control (Approach and Area)	8	QNCATC Amman	8&9
162	038	MICRO8	1	E		8-bit Microprocessor	4	QNCATC Amman	8&9
163	040	VHF	1	E	Park Air	VHF Communication System Maintenance	3	CATC Allahabad	8&9
75	041	NDT	1	E		Non-Destructive Testing - Level 2	4	NCATO Cairo	8&9
53	047	ATCNR	1	E		Non-Radar Control Approach	9	CATC Bangkok	8&9
279	049	AMC	1	E		Apron Movement Control	4	CATC Curug	8&9
54	052	RCAP	1	E		Radar Control (Approach)	8	CATC Allahabad	8&9
211	053	OJTGEN	1	E		OJT Training (General)	2	QNCATC Amman	8&9
164	055	DME	1	E	AWA	DME Maintenance	4	CATC Allahabad	8&9
51	057	AA		E		Aerodrome Assistants' Course		CATC Allahabad	8&9
106	064	MTCPAV	1	E		Airport Pavement Maintenance	3	NIAMR New Delhi	8&9

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126	065	MTGDNG	1	S	AIR	Manejo de mercancías peligrosas	4	EAC Panama City	8&9
109	067	BRDCON	1	E		Bird Hazard Control Management	1	NIAMR New Delhi	8&9
164	068	ILS	1	E	Normarc	ILS Maintenance	3.5	CATC Allahabad	8&9
59	078	PLANCNSATM	1	E		CNS/ATM Technologies for ATC	2	ANS Riga	8&9
156	085	AIRISP		E		Government Safety Inspector-Airworthiness		FAA Academy	8&9
151	086	OPSISP	1	E		Government Safety Inspector-Operations	2.5	FAA Academy	8&9
164	087	VOR	1	F	SEL 4000	Maintenance du VOR SEL 4000	4	ONDA, Casablanca	8&9
169	092	COM		E		CNS/ATM Technologies for Technicians		ANS Riga	8&9
162	098	MICR32		E		32-Bit Microprocessor		CATC Tehran	8&9
211	099	EXAM		E		Examination Techniques		CATC Tehran	8&9
53	102	ATCNR		E		Non-Radar Approach Control Refresher	4	PCA Saudi Arabia	8&9
211	109	IDP	1	S		Programa para la Formación de Instructores	4	Central Unit ICAO	8&9

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214	110	CDW	2	E		TRAINAIR Course Developers Workshop	3	Central Unit ICAO	8&9
104	114	APSS		E	TOSHIBA	Airfield Power Supply System		CATC Manila	8&9
214	116	CDW	1	F		Atelier des Concepteurs de cours TRAINAIR	4	Central Unit ICAO	8&9
214	121	CDW	2	S		Taller de Preparadores de Cursos	3	Central Unit ICAO	8&9
211	124	OJTGEN		E		On-the-Job Training/General		CATC Manila	8&9
73	016	IGNIT		E		Aircraft Ignition Systems		MNTC Addis Ababa	7
169	032	ACRTP		E		Aircraft Com. Radio Telephoning & Procedures (Pilot Trg.)		MNTC Addis Ababa	7
73	033	PGTE		E		Aircraft Engines		MNTC Addis Ababa	7
131	035	AVMAN		E		Aviation Management		CATI Hyderabad	7
101	039	AGAENG		P		Airport Noise Control		IAC Rio de Janeiro	7
169	042	STCOM		E		Satellite Communications		NCATO Cairo	7
76	044	AMTELS		E		Aircraft Electrical Systems		MNTC Addis Ababa	7

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57	050	SARP		S		Busqueda y Salvamento		CIPE Buenos Aires	7
21	051	AISAR		S		Especialista AIS de Aerodromo		EAC Panama City	7
162	058	MICR16		S		Microprocesadores (16 bits)		CIPE Buenos Aires	7
291	060	PHRASE		P		English Phraseology for Radar APP ATCO		IPV Sao Jose	7
52	062	ATC		S		Licencias ATC & Control de Aerodromo		CEA Bogota	7
163	072	MTMUXD		S	OKI	Mantenimiento de Equipos multiplex digital OKI de 1 y 2 orde		ECAA San Salvador	7
122	076	MGTAGA		S		Comercializacion Aeroportuaria		CIAC Lima	7
137	077	GEOPA		S		Gerencia de Operaciones Aeronauticos		CCA Habana	7
169	081	COMMTC		S	Wordsafe	Grabador Reproductor Wordsafe Maxima		INAC Luque	7
59	097	ADSCPDLC		E		ADS/CPDLC Applications		CATC Tehran	7
21	117	AIS GEN		E		Basic AIS Officer		CAUC Tianjin	7
124	128	MPSC		E		Materials Procurement and Stock Control		CATC Manila	7

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164	066	COMMTC		S	NAV	Mantenimiento de Radioayudas		CEA Bogota	6
55	018	ACNRP		E		Area Control Non-Radar Procedural		CATC Addis Ababa	5
133	070	RNPRNA		E		Introduction to RNP/RNAV Application Criteria		CATC Allahabad	5
121	075	APTM		E		Airport Passenger Terminal Management		NIAMR New Delhi	5
79	083	TEST		E		Test Equipment: Selection, application and calibration		CATI Hyderabad	5
159	090	SOA		E		ICAO Safety Oversight Auditor Course		ICAO	5
259	091	CRM		S		Crew Resource Management		SENASA Madrid	5
72	105	AMTPWR		E		Jet Engine Maintenance		CATC Tehran	5
55	122	ATC ACC		E		Area Non-Radar Control		ATNS College	5
111	045	RFFBAS		E		Basic Aerodrome Firefighter		CATC Curug	4
164	054	ILS		E		ILS Basic Principles		QNCATC Amman	4
124	074	CAC		E		Contracting for Airport Construction		NIAMR New Delhi	4

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124	079	CPAE		E		Contracting for Procurement of Airport Equipment		NIAMR New Delhi	4
78	082	AIRINS		S	Boeing 727	Inspeccion de Aeronavegabilidad - Boeing 727		ETAC Quito	4
164	094	DGPS		E		DGPS Maintenance		CATC Seoul	4
22	095	CAR		S		Especialista en Cartas Aeronauticas		EAC Panama City	4
29	096	PUBLA		S		Especialista en Publicaciones Aeronauticas		EAC Panama City	4
163	100	VHF		E	Parkair Synt	VHF Communication System Maintenance		CATC Allahabad	4
59	101	ATS INCI		E		Air Safety Incident Investigation		ATS Australia	4
61	103	ATFM		P		Control de afluencia de transito aereo		IPV Sao Jose	4
59	104	RVSM		P		Separacion vertical minima reducida		IPV Sao Jose	4
164	107	VOR		E	SEL 4000	CVOR SEL 4000 Maintenance		PCA Saudi Arabia	4
139	111	CAAM		E		Computer Application in Airport Management		CATI Hyderabad	4
126	112	MGTDNGAIR		S		Gerenciamiento de Mercancias Peligrosa		EAC Panama City	4

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219	130	OJTATC		E		OJT Techniques for Air Traffic Controller		CATI Hyderabad	4
164	046	DME		E	Pelorus	DME Maintenance		NCTI Cornwall	3
133	069	ATSSUP		E		ATS Watch Supervisory Course		CATC Allahabad	3
54	108	RCAP		E	PSR/SSR	Radar Control (Approach) (PSR & SSR)		CATC Allahabad	3
71	056	ASC		E		ASC Aircraft Structure		MNTC Addis Ababa	2
139	061	SUPGEN		S		Tecnicas de Supervision - General		EAC Panama City	2
169	071	LAN		E		Local Area Networks		QNCATC Amman	2
174	073	OPAFIS		S		Operador del servicio de informacion de vuelo de aerodromo		INAC Luque	2
122	080	CAS		E		Contracting for Airport Services		NIAMR New Delhi	2
52	088	ATC TWR		F		Controle d'aerodrome - Formation de base		ONDA, Casablanca	2
169	089	COMDAT		E		Data Communications Networks		QNCATC Amman	2
124	106	AIRFIELDOPS		E		Basic Airfield Operations		QNCATC Amman	2

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131	113	PLANCNSATM		S		Planificacion estrategica en el entorno de CNS/ATM		CIAC Lima	2
57	119	SAR		E		Aeronautical Search and Rescue (SAR) Operation		SAA, Singapore	2
11	125	AIG		E		Aircraft Accident Investigation		QNCATC Amman	2
133	126	ACC SUP		E		Area Control Watch Supervisor		CATC Hochiminh	2
172	127	AMSS		E		AMSS Operator		CATC Hochiminh	2
29	131	AISA		E		AIS Automation		NCATO Cairo	2
59	133	ATC QUA		E		Air Traffic Services Quality Assurance Specialists		SATS Barbados	2
291	063	ATE		E		English Language - Aviation Technical English		CATC Bangkok	1
76	084	AMTAVC		E		Micro-soldering Techniques		MNTC Addis Ababa	1
52	093	ATCTWR		S		Controle de Area y Aproximacion No Radar		CEA Bogota	1
131	120	MGT GEN		E		Middle Manager		EASA Nairobi	1
164	123	DVOR		E	ASII	DVOR Maintenance		CATC Seoul	1

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69	129	WEAGH		E		Warehouse Employee in Airfreight Ground Handling		NLC Hoofddorp	1
159	132	CAA OTH		E		ATS Assessors		ATC New Zealand	1
123	025	SUPERV		E		AVSEC Supervisor		AVSEC ICAO	0
123	026	MAN		E		AVSEC Management		AVSEC ICAO	0
123	027	CRIMAN		E		AVSEC Crisis Management		AVSEC ICAO	0
123	028	CARGO		E		AVSEC Cargo		AVSEC ICAO	0
123	029	AIRSEC		E		AVSEC Airline Security		AVSEC ICAO	0
163	043	DCOM		E		Digital Communications		NCATO Cairo	0
123	048	AI		E		AVSEC Instructors		AVSEC ICAO	0
139	118	GERCOMA		S		Gerencia comercial en la aviacion		CCA Habana	0
62	tba-08	ATECRS		P		Analysis on Airport Transportation Demand		IAC, Rio de Janeiro	0
139	tba-15	TECOMA		S		Tecnico comercial en la aviacion		CCA Habana	0

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7 = VALIDATED 8-9 = STP APPROVED and AVAILABLE to Programme Members  
tba-# = STP number To Be Assigned

**Language:** A = Arabic C=Chinese E = English F = French P = Portugese R = Russian S = Spanish

**Date:** Most recent phase report received by the Central Unit

ICAO	STP	Indicator	Version	Lang	Specifics	Title	Duration	Centre	Status
164	tba-16			S		Mantenimiento VOR Modelo 5850		ECAA San Salvador	0
164	tba-17			S		Mantenimiento DME Modelo 5960		ECAA San Salvador	0
133	tba-18			S		RNP		ETAC Quito	0
72	tba-21	AMT-PWR		E	B-737-300	B737-300 Engine Start		CAUC Tianjin	0
139	tba-22	MGT OTH		E		Application of e-commerce in Air Material		CAUC Tianjin	0
74	tba-23	AMT-IST		E	B-737-300	Weather Radar Maintenance		CAUC Tianjin	0
165	tba-24	COM MTC RDR		E		Primary Surveillance Radar Maintenance		CAUC Tianjin	0
126	tba-25	MGT DNG AIR		E		Handling of Dangerous Goods		CAUC Tianjin	0
291	tba-26	LAN ENG		E		English for Air Attendant		CAUC Tianjin	0
271	tba-27	ACS GND		S		Pasajes, Tiketeo y Carga		ETAC Quito	0

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**APÉNDICE C****REGISTRO DE CMDN COMPARTIDOS**

	<b>CMDN No.</b>	<b>Título</b>	<b>CMDN preparado por</b>	<b>Solicitado por</b>
1	073/6/PROP	Propeller Maintenance	MNTC, Ethiopia	NCATO, Egypt
2	075/5/NDT	Non-Destructive Testing Level 1	NCATO, Egypt	MNTC, Ethiopia
3	054/11/RCAP	Radar Control (Approach)	QNCATC, Jordan	CIPE, Argentina
4	212/15/AIT	Advanced Instructor Training	EASA, Kenya	CATC, India
5	165/8/Radar	Radar Systems and Maintenance	EASA, Kenya	CATC, Indonesia
6	212/15/AIT	Advanced CATC, Instructor Training	EASA, Kenya	QNCATC, Jordan
7	054/11/RCAP	Radar Control (Approach)	QNCATC, Jordan	CATC, India
8	163/10/HFVHF	HFVHF Maintenance Course	CATC, Ethiopia	CATC, India
9	104/14/APL	Airport Lighting Maintenance	CATI, Pakistan	QNCATC, Jordan
10	054/11/RCAP	Radar Control (Approach)	QNCATC, Jordan	CATI, Pakistan
11	054/13/RCAR	Radar Control (Area)	QNCATC, Jordan	CATI, Pakistan
12	131/35/AVMAN	Aviation Management (once ready)	CATI, Pakistan	QNCATC, Jordan
13	164/7/CVOR	CVOR Maintenance	QNCATC, Jordan	IPV, Brazil
14	164/12/DVOR	DVOR Maintenance	QNCATC, Jordan	IPV, Brazil
15	164/17/DME	DME Maintenance (CSF721)	QNCATC, Jordan	IPV, Brazil
16	164/23/DM3	DME Maintenance (Wilcox 596B)	QNCATC, Jordan	IPV, Brazil
17	073/06/PROP	Propeller Maintenance (Phases II and IV reports only)	MNTC, Ethiopia	CATC, Thailand
18	162/38/Micro	Microprocessor	QNCATC, Jordan	CIPE, Argentina
19	052/19/ATC	ATC Licence & Aerodrome Control	CATC, Thailand	CIPE, Argentina
20	104/14/APL	Airport Lighting Maintenance	CATI, Pakistan	EAC, Panama
21	052/19/ATCL	ATC License and Aerodrome Control	CATC, Thailand	QNCATC, Jordan
22	053/47/ATCNR	Approach Control – Non radar	CATC, Thailand	QNCATC, Jordan
23	164/54/ILS	ILS Principles	QNCATC, Jordan	INDIA-CATC

	<b>CMDN No.</b>	<b>Título</b>	<b>CMDN preparado por</b>	<b>Solicitado por</b>
24	054/37 Initial Contact only	Combined Radar Control (Approach & Area)	QNCATC, Jordan	IPV, Brazil
25	Potential Exchange 164/17	DME Maintenance and Repairs	NCATO, Egypt	EASA, Kenya
26	11	Radar Control (Approach)	QNCATC, Jordan	LGS, Latvia
27	054/13/RCAR	Radar Control (Area)	QNCATC, Jordan	LGS, Latvia
28	029/34/Notam	Especialista NOTAM	EAC, Panama	ECAA, COCESNA, El Salvador
29	052/62/ATC	Licencias ATC y Control de Aeródromo	CEA, Colombia	ECAA, COCESNA, El Salvador
30	21/30/AIS	Operador ARO/AIS	CIPE, Argentina	ECAA, COCESNA, El Salvador
31	164/07/CVOR	CVOR Maintenance	QNCATC, Jordan	ECAA, COCESNA, El Salvador
32	164/23/DME	DME Maintenance	QNCATC, Jordan	ECAA, COCESNA, El Salvador
33	165/08/Radar	Radar System & Maintenance	EASA, Kenya	ECAA, COCESNA, El Salvador
34	59/78	CNS/ATM Technologies	LGS, Latvia	ECAA, COCESNA, El Salvador
35	52/19/ATCL	ATC Licence & Aerodrome Control	CATC, Thailand	ECAA, COCESNA, El Salvador
36	53/47/ATCNR	Non Radar Control Approach	CATC, Thailand	ECAA, COCESNA, El Salvador
37	54/52/RCAP	Radar Control Approach	CATC, India	ECAA, COCESNA, El Salvador
38	133/69/Atssup	ATS Watch Supervisory Course	CATC India	ECAA, COCESNA, El Salvador
39	52/19/ATCL	ATC licence & Aerodrome Control	CATC, Thailand	CATC, Ethiopia
40	38 Potential Exchange	Microprocessor	QNCATC, Jordan	EASA, Kenya

	<b>CMDN No.</b>	<b>Título</b>	<b>CMDN preparado por</b>	<b>Solicitado por</b>
41	24 Potential Exchange	Automatic Message Switching System Supervisor	CATC, India	EASA, Kenya
42	52/19/ATCL Potential Exchange	Aerodrome Control	CATC, Thailand	EASA, Kenya
43	131/35/Avman Potential Exchange	Aviation management	CATI, Pakistan	EASA, Kenya
44	54/37/CRC Potential exchange	Combined Radar Control (Approach & Area)	QNCATC, Jordan	CEA, Peru
45	59/78 Potential Exchange	CNS/ATM	LGS, Latvia	CATI, Pakistan
46	165/8/Radar Potential Exchange	CSF Radar System & Maintenance	EASA, Kenya	CATI, Pakistan
47	162/38/Micro Potential Exchange	Microprocessor	QNCATC, Jordan	CATI, Pakistan
48	104/14/APL	Airport Lighting Maintenance	CATI, Pakistan	CEA, Peru
49	52/19/ATCL	ATCL Licence & Aerodromes	CATC, Thailand	CCA, Cuba
50	291/60/Phrase	English phraseology for radar APP ATCO	IPV, Brazil	CCA, Cuba
51	126/65/mgtdng	Manejo de Mercancias Peligrosas	EAC, Panama	CCA, Cuba
52	21/51/Aisar Info Requested	Especialista AIS de Aerodromo	EAC, Panama	ETAC, Ecuador
53	137/77/Geopa Info Requested	Gerencia de Operaciones Aeronauticas	CCA, Cuba	ETAC, Ecuador
54	21/30/AIS Info Requested	Operador ARO/AIS	CIPE, Argentina	ETAC, Ecuador
55	163/40/VHF/Parkair	VHF Parkair	CATC, India	CATC, Republic of Korea
56	126/65/Mgtdng	Manejo de Mercancia Peligrosas	EAC, Panama	CEA, Colombia
57	54/13/RCAR (Info request)	Radar Control (Area)	QNCATC, Jordan	CATC, Iran
58	172/24/AMSSS	AMSS Supervisor	CATC India	CATC Ethiopia
59	104/14/APL	Airport Lighting Maintenance	CATI, Pakistan	QNCATC, Jordan
60	131/35/Avman	Aviation Management	CATI, Pakistan	QNCATC, Jordan
61	211/53/Ojtgen	OJT Techniques	QNCATC, Jordan	CATI, Pakistan

	<b>CMDN No.</b>	<b>Título</b>	<b>CMDN preparado por</b>	<b>Solicitado por</b>
62	54/37/CRC	Combined Radar Control Approach and Area	QNCATC, Jordan	CATI, Pakistan
63	101/39/Agaeng (Requested)	Control de Ruidos de Aeropuertos	IAC, Brazil	CEA, Peru
64	59/78 (Information request)	CNS/ATM Technologies for ATC	LGS, Latvia	CEA, Peru
65	78	CNS/ATM Technologies for ATC	Latvia	CEA Peru
66	21	Aeronautical Communications Superviosr	EASA, Kenya	CATC Iran
67	8	Radar Systems and Maintenance	EASA, Kenya	CATC Iran
68	15	Advanced Instructor Training	EASA Kenya	CATC Iran
69	15	Advanced Instructor Training	EASA Kenya	CATC, Curug
70	65	Manejo de Mercancias Peligrosas	EAC Panama	CCA Cuba
71	68	Normarc ILS Maintenance	CATC Allahabad	CATC Iran
72	24	AMSS Supervisor's Course	CATC Allahabad	CATC Iran
73	53	OJT Training (General)	QNCATC Amman	CATC Manila
74	53	OJT Training (General)	QNCATC Amman	EASA Nairobi
75	34	Especialista NOTAM	Panama	ETAC Ecuador
76	56	Mercancias Peligrosas	Panama	ETAC Ecuador
77	07	CVOR Maintenance	QNCATC Amman	ETAC Ecuador
78	54	Basic Principles	QNCATC Amman	ETAC Ecuador
79	23	DME Maintenance	QNCATC Amman	ETAC Ecuador
80	53	OJT Training Central	QNCATC Amman	ETAC Ecuador
81	15	Advanced Instructor Training	EASA Nairobi	ETAC Ecuador
82	19	ATC Licence and Aerodrome Control	CATC Bangkok	PCA Jeddah
83	12	DVOR Maintenance	CATC Curug	CATC Seoul