

INTERNATIONAL CIVIL AVIATION ORGANISATION

AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP THIRTEENTH MEETING (APIRG/13)

(SAL, CAPE VERDE, 25-29 JUNE 2001)

AGENDA ITEM 6: HUMAN FACTORS AND PLANNING OF HUMAN RESOURCES

REGIONAL TRAINING PLANNING PROCESS MODEL

(Presented by the Secretariat)

SUMMARY

This information paper provides samples of tables that could be used to facilitate regional training planning. The paper also outlines a proposed approach towards the use of the tables and provides a sample format for the resulting regional training plan. This plan could be integrated into the AFI Regional Air Navigation Plan.

1. Introduction

1.1 The steps that could form the basis of a regional or sub-regional training planning process were introduced during the Third Caribbean/South American Regional Air Navigation Meeting (CAR/SAM/3, Argentina, 1999). The meeting agreed that a quantitative approach to training planning would help to ensure that the training needed is available. This approach would provide a means to accurately determine the minimum number of training centres within a region or sub-region that are needed to provide specialized types of training that individual States cannot justify based on their national training needs alone. At the same time this approach could help to distribute regional training activities among more training centres. It was also agreed that the process would need to be refined by Planning and Implementation Regional Group.

I. Discussion

2.1 The following four steps are constitute a model developed by the Secretariat that could form the basis for the establishment of a regional training planning process in the AFI Region: The Secretariat has developed a four-step model on which the establishment of a regional training planning process in the AFI Region could be based.

a) Step 1: Identify Training Needs

The types of training needed would be identified based on commitments made by States to implement facilities and services as specified in the AFI Regional Air Navigation Plan. Initially the ICAO Air Navigation Bureau would assist in this process. It is envisioned that individual States, assisted by the Regional Offices, as required, would be able to determine training needs in the future, based on guidance in this area being developed through the Regional Human Resource Planning and Training Needs Task established by the Air Navigation Commission (PEL-9601).

b) Step 2: Gather Information through Human Resource Planning Ouestionnaires

Each State would identify the numbers of personnel needing specific types of training, based upon their national implementation plans. To obtain consistent and appropriate data from States, ICAO developed a questionnaire which includes a summary of the types of training needed to support the Regional Air Navigation Plan (Step 1 refers). ICAO would conduct regional human resource planning workshops for those States that may wish assistance in identifying the numbers of personnel required. States with well established human resource planning processes would be encouraged to participate in these workshops and contribute to the process through an exchange of ideas and experience.

c) Step 3: Determine the Requirement for Regional Training Capabilities

States would complete the questionnaire (paragraph b) above refers) and forward it to the ICAO Regional Office accredited to them. The Regional Offices would prepare summaries of the training needs within the regions based on the questionnaires. The summaries would then be transmitted to an appropriate regional training planning body that would be tasked with analysing the aggregate of the regions' human resource development needs. This regional training planning body would also determine the minimum requirements for regional training capabilities based on both the overall training demand within a region and the characteristics of each type of training required.

d) Step 4: Formulate a Plan for Establishment of Specific Regional Courses

APIRG would then use a State-to-State consultative process to formulate a plan for the establishment of regional courses within specific civil aviation training centres. The plan would not limit the number of training centres offering specific types of training. However, it would ensure that the human resource development capabilities within the Regions are sufficient to meet the training demand resulting from the AFI Regional Air Navigation Plan.

- 2.3 Appendix A, provides an example of the level of detail that could be used to communicate the major types of training needed to implement a Regional Air Navigation Plan (Step 1 refers). The major types of training needed to implement existing and future air navigation facilities and services are listed in this inventory. The types of training required are broken down in classifications. These are described below.
 - a) Foundation Training. This type of training is required when the target population does not possess the underlying knowledge and/or skills needed to enter job-oriented training. For example, it may be necessary to provide foundation training in basic electricity to staff who will maintain airport lighting, if they do not already have basic electrical maintenance skills. Foundation training is frequently required in aviation as entry level personnel may not have previous exposure or knowledge of the aviation field.
 - b) *Initial Training*. Initial training is the first job specific training that personnel receive to qualify for a specific aviation job within a category of jobs as defined by the ICAO job category numbers (see column two of Appendix A). For example, once a newly hired AIS staff member has completed foundation

training, the subsequent training required to qualify as an Aerodrome Officer would be considered initial training.

- c) *Transition Training*. This type of training is required to prepare a staff member to perform another job within a given category of jobs (i.e. ICAO job categories). For example, training a procedural approach controller to become a radar approach controller would be considered transition training.
- d) *Conversion Training.* This type of training is required for a qualified staff member in a specific job to obtain the skills required to use new procedures and/or technologies such as ICAO CNS/ATM systems.
- e) **Refresher Training**. Regular refresher training is provided to ensure that personnel maintain a skill and knowledge level needed to perform their jobs safely and in compliance with all established performance standards. Refresher and conversion training are sometimes combined to introduce new procedures and/or technologies.
- 2.3 The inventory of training needs shown in Appendix A is intended to illustrate the level of detail suggested to communicate the major types of training required to implement a Regional Air Navigation Plan. As such, the training needs indicated in Appendix A are examples and should not be considered the actual training requirements associated with the implementation of a specific Regional Air Navigation Plan.
- Once the major types of training needed to implement a Regional Air Navigation Plan are identified (Step 1), this information would be incorporated into a questionnaire and forwarded to States (Step 2). A sample of the Projected Training Demand Questionnaire is at Appendix B to this working paper. The aim of the questionnaire would be to gather information from States concerning the projected number of trainees in specific types of training, based on their human resource plans, and then to compile this information into a report that would reflect the aggregate training needs of States within a region.
- 2.5 Column 4 of the table at Appendix B, Human Resource Planning Factors, is intended to advise States of any specific factors that may affect their human resource planning process and subsequent training demand. For example, the introduction of some new types of air navigation systems technologies may require old and new systems to operate in parallel for period of time.
- 2.6 A Planning and Implementation Regional Group would then consider the demand for regional training capabilities and agree to the establishment of regional courses within specific civil aviation training centres (Step 3 and 4). The results of the deliberations would constitute a Regional Training Plan. A potential format for a Regional Training Plan is at Appendix C.

3. CONCLUSIONS

3.1 The attached Inventory of Training Needs, Projected Training Demand Questionnaire and Regional Training Plan are provided to illustrate a potential framework and format for integrating a training planning component into the regional air navigation planning process. Further development of this process would be needed to ensure that it meets the specific needs of the AFI Region.

ATTACHMENT A TRAINING NEEDS

ID Number	ICAO	Job Category
ib Number	Category	and Type of
	outogo. y	
		Training
1	2	3
1	020	AIS Officer
1.01		(Headquarters) Foundation Training
1.01		Initial Training
1.02		_
1.03		Refresher Training Computer
1.04		Fundamentals
1.05		Conversion Training:
		AIS Automation
1.06		Conversion Training: Automated AIP
2	020	Aeronautical
		Cartographer
2.01		Foundation Training
2.02		Initial Training
2.03		Transition Training
2.04		Refresher Training
2.05		Computer
0.00		Fundamentals
2.06		Conversion Training: Automation Training
3	020	Electronic
		Processing , AIS Data
3.01		Initial Training
3.02		Refresher Training
3.03		Transition Training
		Conversion Training:
		Computer Database Applications for AIS
2.04		
3.04		Conversion Training: AIS Automation
3.05		Conversion Training: ATN Applications
4	020	International NOTAM Officer
4.01		Foundation Training
4.02		Initial Training
4.03		Transition Training
4.04		Refresher Training
4.05		Computer
		Fundamentals
4.06		Conversion Training: ATN Applications
5	020	AIS Officer - Aerodrome Units
5.01		Initial Training
5.02		Transition Training
5.03		Refresher Training
5.04		Computer
		Fundamentals
5.05		Conversion Training:
0.00		ATN Applications

ID Number	ICAO	Job Category
	Category	and Type of
		Training
		Training
4	-	•
1	2	3
5.06		Conversion Training: AIS Automation
6	030	Meteorological
	030	Assistant (WMO
		Class IV)
6.01		Foundation Training
6.02		Initial Training
6.03		Refresher Training
6.04		Computer
0.04		Fundamentals
6.05		Conversion Training:
0.00		ATN Applications
7	030	Meteorological
-		Assistant/Briefing
		Office (WMO Class III)
7.01		Initial Training
7.02		Refresher Training
7.03		Computer
7.05		Fundamentals
7.04		Conversion Training:
7.04		ATN Applications
8	030	Meteorological
	030	Officer - Forecaster
		(WMO Class II)
8.01		Initial Training
8.02		Refresher Training
8.03		Computer
0.03		Fundamentals
8.04		Conversion Training:
0.04		ATN Applications
9	050	Air Traffic Control
		Assistant
9.01		Foundation Training
9.02		Initial Training
9.03		Refresher Training
9.04		Conversion Training:
0.04		Data Link and Message
		Formatting
10	050	Aerodrome Controller
10.01		Foundation Training
10.02		Initial Training
10.03		Transition Training
10.03		Refresher Training
10.05		Conversion Training: Data Link and Message
		Formatting
11	050	Approach Controller -
		Non-Radar
11.01		Foundation Training
11.02		Initial Training
11.03		Transition Training
11.03		Refresher Training
11.04		
11.00		Conversion Training: Data Link and Message
		Formatting
11.06		Conversion Training
1.00		GNSS Approach
		Procedures
ID Number	ICAO	Job Category
- Number	Category	
	Julegory	and Type of
		Training
4		2
1	2	3

12.01 Foundation Training	12	050	Approach Controller - Radar
12.02	12 01		
12.03			
12.04 Refresher Training	-		, , , , , , , , , , , , , , , , , , ,
12.05 Conversion Training: Data Link and Message Formatting GNSS Approach Procedures			
Data Link and Message Formatting GNSS Approach Procedures	_		
12.06 Conversion Training GNSS Approach Procedures	12.05		
12.06 Conversion Training GNSS Approact Procedures Conversion Training ADS Surveillance and Separation Procedures Conversion Training AUT Procedures Conversion Training RNP Procedures Conversion Training RNP Procedures Conversion Training RNP Procedures Radar Foundation Training RNP Procedures Initial Training Conversion Training Conversion Training GNSS Enroute Initial Training GNSS Approach Procedures Initial Initial Training ADS Surveillance and Separation Procedures Initial			
Conversion Training			
Procedures	12.06		
Conversion training ADS Surveillance and Separation Procedures			
ADS Surveillance and Separation Procedures			
Separation Procedures	12.07		
12.08 Conversion Training Automation Procedures Conversion Training RNP Procedures 13.01 Foundation Training 13.02 Initial Training 13.03 Transition Training Conversion Training Data Link and Message Formatting GNSS Enroute 13.06 Conversion Training GNSS Enroute 13.07 Conversion Training GNSS Approach Procedures 13.08 Conversion Training Conversion Training Conversion Training Conversion Training Conversion Training Conversion Training ADS Surveillance and Separation Procedures 13.09 Conversion Training Automation Procedures 13.10 Conversion Training Conversion Training Conversion Training Conversion Training RNP Procedures 14.01 Initial Training Conversion			
Automation Procedures Conversion Training RNP Procedures Area Controller - Radar 13.01 Foundation Training 13.02 Initial Training 13.03 Transition Training 13.04 Refresher Training 13.05 Conversion Training 13.06 Conversion Training 13.07 Conversion Training 13.08 Conversion Training 13.08 Conversion Training 13.09 Conversion Training 13.09 Conversion Training 13.10 Conversion Training 13.10 Conversion Training 13.10 Conversion Training 13.10 Conversion Training 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training 14.05 Conversion Training 14.06 Conversion Training 14.07 Conversion Training 14.08 Conversion Training 14.08 Conversion Training 14.09 Conversion Training 14.09 Conversion Training 15.00 Conversion Training 16.00 Conversion Training 17.00 Conversion Training 18.00 Conversion Training 19.00 Conversion Tra			Separation Procedures
12.09 Conversion Training RNP Procedures	12.08		Conversion Training:
RNP Procedures			Automation Procedures
RNP Procedures	12.09		Conversion Training:
13.01 Foundation Training 13.02 Initial Training 13.03 Transition Training 13.04 Refresher Training 13.05 Conversion Training 13.06 Conversion Training 13.07 Conversion Training 13.08 Conversion Training 13.09 Conversion Training 13.09 Conversion Training 13.10 Conversion Training 13.09 Automation Procedures 13.10 Conversion Training 14.01 Refresher Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training 14.05 Conversion Training 14.06 Conversion Training 14.07 Conversion Training 14.08 Conversion Training 14.08 Conversion Training 14.09 Conversion Training 14.09 Conversion Training 15.01 Conversion Training 15.01 Transition Training 15.02 Conversion Training 15.01 Transition Training 16.01 Transition Training 17.02 Conversion Training 17.03 Transition Training 18.04 Transition Training 19.05 Transition Train			RNP Procedures
Radar 13.01 Foundation Training 13.02 Initial Training 13.03 Transition Training 13.04 Refresher Training 13.05 Conversion Training 13.06 Conversion Training 13.07 Conversion Training 13.08 Conversion Training 13.08 Conversion Training 13.09 Conversion Training 13.10 Conversion Training 14 OSO Area Controller - Non-Radar 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training 14.05 Conversion Training 14.06 Conversion Training 14.07 Conversion Training 14.08 Conversion Training 14.08 Conversion Training 14.09 Conversion Training 14.09 Conversion Training 14.09 Conversion Training 15.01 Transition Training 15.01 Transition Training 15.02 Conversion Training 15.01 Transition Training 16.01 Transition Training 17.02 Conversion Training 18.07 Conversion Training 19.08 Conversion Training 19.09 Conversion Training 19.00 Conversion Training 19.00 Conversion Training 19.01 Conversion Training 19.02 Conversion Training 19.03 Conversion Training 19.04 Conversion Training 19.05 Conversion Training 19.07 Conversion Training 19.08 Conversion Training 19.09 Conversion Training 19.00 Conversion Training 19.01 Conversion Training 19.02 Conversion Training 19.03 Conversion Training 19.04 Conversion Training 19.05 Conversion Training 19.07 Conversion Training 19.08 Conversion Training 19.09 Conversion Training 19.00 Conversion Training 19.01 Conversion Training 19.02 Conversion Training 19.03 Conversion Training 19.04 Conversion Training 19.05 Conversion Training 19.05 Conversion Training 19.07 Conversion Training 19.08 Conversion Training 19.09 Conversion Training 19.00 Conversion Training 19.00 Convers	12	050	
13.01 Foundation Training 13.02 Initial Training 13.03 Transition Training 13.04 Refresher Training 13.05 Conversion Training 13.06 Conversion Training 13.07 Conversion Training 13.08 Conversion Training 13.09 Conversion Training 13.09 Conversion Training 13.10 Conversion Training 13.10 Conversion Training 14.01 Area Controller - Non-Radar 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training 14.05 Conversion Training 14.06 Conversion Training 14.07 Conversion Training 14.08 Conversion Training 14.08 Conversion Training 14.09 Conversion Training 15.00 Conversion Training 16.00 Category 16.00 Category 17.00 Conversion Training 18.00 Conversion Training 19.00 Conversion Trai	13	030	
13.02 Initial Training 13.03 Transition Training 13.04 Refresher Training 13.05 Conversion Training 13.06 Conversion Training 13.07 Conversion Training 13.08 Conversion Training 13.09 Conversion Training 13.10 Conversion Training 13.10 Conversion Training 13.10 Conversion Training 13.10 Conversion Training 14.01 Conversion Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training 14.05 Conversion Training 14.06 Conversion Training 14.07 Conversion Training 14.08 Conversion Training 14.09 Conversion Training 14.09 Conversion Training 14.09 Conversion Training 15.01 Training 15.01 Training 15.01 Transition Training 15.02 Conversion Training 15.01 Training 15.02 Transition Training 15.01 Training 16.01 Training 17.01 Training 18.02 Training 18.02 Training 19.02 Training 19.03 Training 19.04 Training 19.05 Training 19.06 Training 19.07 Training 19.07 Training 19.07 Training 19.08 Training 19.09 Training 19.00 Trai	10.01		
13.03 Transition Training 13.04 Refresher Training 13.05 Conversion Training Data Link and Message Formatting 13.06 Conversion Training GNSS Enroute 13.07 Conversion Training GNSS Approach Procedures 13.08 Conversion training ADS Surveillance and Separation Procedures 13.09 Conversion Training RNP Procedures 13.10 Conversion Training RNP Procedures 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Enroute 14.07 Conversion Training GNSS Approach Procedures 14.08 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training ADS Surveillance and Separation Procedures 14.09 Conversion Training AUT CONVE			· ·
13.04 Refresher Training 13.05 Conversion Training: Data Link and Message Formatting 13.06 Conversion Training GNSS Enroute 13.07 Conversion Training GNSS Approach Procedures 13.08 Conversion training ADS Surveillance and Separation Procedures 13.09 Conversion Training RNP Procedures 13.10 Conversion Training RNP Procedures 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training Conversion Training Data Link and Message Formatting 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Enroute 14.07 Conversion Training GNSS Approach Procedures 14.08 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training AUS CONVERSION T		<u> </u>	
Conversion Training: Data Link and Message Formatting (III)	13.03		Transition Training
Conversion Training: Data Link and Message Formatting (III)	13.04	1	
Data Link and Message Formatting GNSS Enroute 13.07 Conversion Training GNSS Approach Procedures 13.08 Conversion training ADS Surveillance and Separation Procedures 13.09 Conversion Training RNP Procedures 13.10 Conversion Training RNP Procedures 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training GNSS Enroute 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Enroute 14.07 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures 14.09 Conversion Training Automation Procedures 14.09 Conversion Training RNP Procedures 15.01 Transition Training Transition Training Transition Training Transition Training Transition Training Transition Training Conversion Training Transition Training Transition Training Transition Training Conversion Training			
Formatting GNSS Enroute GNSS Enroute GNSS Approach Procedures GNS GNS Enroute GNSS Approach Procedures GNS GNS Enroute GNS Approach Procedures GNS GNS Enroute GNS Approach Procedures GNS GNS Enroute GNS GNS Approach Procedures GNS	13.03		Data Link and Message
13.06 Conversion Training GNSS Enroute GNSS Approach Procedures 13.08 Conversion Training ADS Surveillance and Separation Procedures 13.09 Conversion Training Automation Procedures 13.10 Conversion Training RNP Procedures 13.10 Conversion Training RNP Procedures 14.01 Initial Training RNP Procedures 14.02 Transition Training GNSS Enroute 14.03 Refresher Training Data Link and Message Formatting GNSS Enroute 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training AUTOMALIAN CONVERSION Training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures 14.08 Conversion Training Conversion Training Automation Procedures 14.09 Conversion Training Conversion Tra			
GNSS Enroute 13.07 Conversion Training GNSS Approach Procedures 13.08 Conversion training ADS Surveillance and Separation Procedures 13.09 Conversion Training Automation Procedures 13.10 Conversion Training RNP Procedures 14 050 Area Controller - Non-Radar 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures 14.08 Conversion Training Automation Procedures 14.09 Conversion Training Conversion Training Automation Procedures 14.09 Conversion Training Automation Procedures 14.10 Conversion Training RNP Procedures 15 OSO Airspace Planning Transition Training Transition Training Transition Training Transition Training Conversion Training	40.00		9
13.07 Conversion Training GNSS Approach Procedures 13.08 Conversion training ADS Surveillance and Separation Procedures 13.09 Conversion Training Automation Procedures 13.10 Conversion Training RNP Procedures 14.01 Initial Training Transition Training Refresher Training Automation Training Conversion Training Conversion Training Conversion Training Conversion Training GNSS Enroute 14.03 Conversion Training GNSS Enroute 14.05 Conversion Training GNSS Approach Procedures 14.07 Conversion Training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures 14.08 Conversion Training Conversion Training Automation Procedures 14.08 Conversion Training Automation Procedures 14.09 Conversion Training Conversion Training Conversion Training Automation Procedures 14.10 Conversion Training Conversion T	13.06		
GNSS Approach Procedures Conversion training ADS Surveillance and Separation Procedures Conversion Training Automation Procedures RNP Procedures Area Controller - Non- Radar Initial Training Automation Training RNP Procedures Area Controller - Non- Radar Initial Training Automation Training RNP Procedures Conversion Training Conversion Training GNSS Enroute Conversion Training GNSS Enroute Conversion Training GNSS Approach Procedures Aconversion Training ADS Surveillance and Separation Procedures Conversion Training Automation Procedures Conversion Training Conversion Training RNP Procedures Training Training Transition Training Transition Training Conversion Training Transition Training Transition Training Conversion Training			
Procedures Conversion training ADS Surveillance and Separation Procedures Conversion Training Automation Procedures Conversion Training RNP Procedures RNP Procedures RNP Procedures RNP Procedures RNP Procedures RNP Procedures Refresher Training RNP Training Conversion Training Refresher Training Conversion Training Conversion Training Conversion Training RNSS Enroute RNSS Approach Procedures RNSS Approach Procedures RNSS Approach Procedures RNSS Surveillance and Separation Procedures RNSS Enroute RNSS Approach Procedures RNSS Enroute RNSS Approach Procedures RNS	13.07		
Conversion training ADS Surveillance and Separation Procedures			
ADS Surveillance and Separation Procedures Conversion Training RNP Procedures Refresher Training RNP Procedures Refresher Training Conversion Training RNP Procedures Transition Training Conversion Training RNP Procedures Transition Training Conversion Training Transition Training Conversion Training Conve			
Separation Procedures Conversion Training Automation Procedures RNP Procedures Refresher Training Refresher Training Conversion Training Data Link and Message Formatting RNSS Enroute RNSS Approach Procedures RNSS Approach RNSS Appr	13.08		Conversion training -
Conversion Training Automation Procedures 13.10 Conversion Training RNP Procedures 14 050 Area Controller - Non-Radar 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training Conversion Training Data Link and Message Formatting 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion Training ADS Surveillance and Separation Procedures 14.08 ID Number ICAO Category ICAO Category Automation Procedures 14.09 Conversion Training Automation Procedures Training Conversion Training Automation Procedures Conversion Training Automation Procedures Conversion Training Automation Procedures Training Training Training RNP Procedures 15 O50 Airspace Planning Transition Training Transition Training Conversion Training Transition Training			ADS Surveillance and
Conversion Training Automation Procedures 13.10 Conversion Training RNP Procedures 14 050 Area Controller - Non-Radar 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training Conversion Training Data Link and Message Formatting 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion Training ADS Surveillance and Separation Procedures 14.08 ID Number ICAO Category ICAO Category Automation Procedures 14.09 Conversion Training Automation Procedures Training Conversion Training Automation Procedures Conversion Training Automation Procedures Conversion Training Automation Procedures Training Training Training RNP Procedures 15 O50 Airspace Planning Transition Training Transition Training Conversion Training Transition Training			Separation Procedures
Automation Procedures 13.10 Conversion Training RNP Procedures 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training Data Link and Message Formatting 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion Training ADS Surveillance and Separation Procedures 14.08 ID Number ICAO Category Conversion Training Automation Procedures Training Conversion Training Automation Procedures Training Conversion Training Automation Procedures Conversion Training Automation Procedures Conversion Training Automation Procedures Conversion Training Automation Procedures Training Training Training Training Transition Training Transition Training Transition Training Transition Training Transition Training Conversion Training	13.09		
Conversion Training RNP Procedures 14			J
RNP Procedures 14 050 Area Controller - Non- Radar 14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training: Data Link and Message Formatting 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures 14.09 Category and Type of Training 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning Transition Training Transition Training Conversion Training RNP Procedures 15.01 Transition Training Transition Training	13 10		
Area Controller - Non-Radar 14.01	10.10		
Radar 14.01			
14.01 Initial Training 14.02 Transition Training 14.03 Refresher Training 14.04 Conversion Training 14.05 Conversion Training 14.06 Conversion Training 14.07 Conversion Training 14.07 Conversion Training 14.08 Conversion training 14.08 Conversion Training 14.08 Conversion Training 14.08 Conversion Training 14.09 Category 14.09 Conversion Training 15 OSO Airspace Planning 15.01 Transition Training 16.02 Conversion Training 16.01 Transition Training 17.02 Conversion Training 18.01 Transition Training 19.02 Conversion Training 19.01 Transition Training 19.02 Conversion Training 19.02 Conversion Training 19.01 Transition Training 19.01 Transition Training 19.02 Conversion Training 19.02 Conversion Training 19.02 Conversion Training 19.02 Conversion Training 19.03 Transition Training 19.04 Transition Training 19.05 Transition Training 19.05 Transition Training 19.06 Transition Training 19.07 Transition Training 19.07 Transition Training 19.08 Transition Training 19.09 Transition Training 19.00 Transition Training	1.1	050	
Transition Training 14.03 Refresher Training 14.04 Conversion Training: Data Link and Message Formatting 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures 14.09 Category ICAO Category 14.09 Conversion Training Separation Procedures 14.10 Conversion Training Separation Procedures 15 050 Airspace Planning Transition Training Transition Training Conversion Training RNP Procedures 15.01 Transition Training Transition Training Conversion Training Transition Training Conversion Training	14	050	Area Controller - Non-
Refresher Training	•	050	Area Controller - Non- Radar
14.04 Conversion Training: Data Link and Message Formatting 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures 14.09 Category and Type of Training 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15.01 Airspace Planning 15.01 Transition Training Conversion Training Transition Training Transition Training Conversion Training	14.01	050	Area Controller - Non- Radar Initial Training
Data Link and Message Formatting 14.05 Conversion Training GNSS Enroute 14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures Conversion Training Automation Procedures ID Number ICAO Category ICAO Category Conversion Training Automation Procedures Training Conversion Training Separation Procedures 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 O50 Airspace Planning Transition Training Conversion Training Transition Training Conversion Training	14.01 14.02	050	Area Controller - Non- Radar Initial Training Transition Training
Tonwarting GNSS Enroute GNSS Enroute GNSS Approach Procedures GNSS Approach Frocedures GNS Approach Froc	14.01 14.02 14.03	050	Area Controller - Non- Radar Initial Training Transition Training Refresher Training
14.05 Conversion Training GNSS Enroute GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training ADS Surveillance and Separation Procedures Conversion Training Automation Procedures Automation Procedures Training 1 2 3 14.09 Conversion Training Separation Procedures 14.10 Conversion Training Separation Procedures 15 050 Airspace Planning Transition Training Conversion Training Conversion Training RNP Procedures 15.01 Transition Training Conversion Training Transition Training Conversion Training	14.01 14.02	050	Area Controller - Non- Radar Initial Training Transition Training Refresher Training Conversion Training:
GNSS Enroute Conversion Training GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures Conversion Training Automation Procedures ICAO Category Category Automation Procedures Training Conversion Training Automation Procedures Conversion Training Automation Procedures Conversion Training Separation Procedures Conversion Training RNP Procedures IS OSO Airspace Planning Transition Training Conversion Training Transition Training Conversion Training Conversion Training Transition Training Conversion Training	14.01 14.02 14.03	050	Area Controller - Non- Radar Initial Training Transition Training Refresher Training Conversion Training: Data Link and Message
14.06 Conversion Training GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training AUS Surveillance and Separation Procedures ID Number ICAO Category Automation Procedures 1 2 3 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning Transition Training Conversion Training Transition Training Conversion Training	14.01 14.02 14.03	050	Area Controller - Non- Radar Initial Training Transition Training Refresher Training Conversion Training: Data Link and Message Formatting
GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures ID Number ICAO Category 1 2 3 14.09 Conversion Training Automation Procedures Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning Transition Training Conversion Training	14.01 14.02 14.03 14.04	050	Area Controller - Non- Radar Initial Training Transition Training Refresher Training Conversion Training: Data Link and Message
GNSS Approach Procedures 14.07 Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures ID Number ICAO Category 1 2 3 14.09 Conversion Training Automation Procedures Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning Transition Training Conversion Training	14.01 14.02 14.03	050	Area Controller - Non- Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training:
Procedures Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures Automation Procedures Training Category 1 2 3 14.09 Conversion Training Separation Procedures Conversion Training Separation Procedures Conversion Training RNP Procedures Tonversion Training RNP Procedures Tonversion Training RNP Procedures Tonversion Training RNP Procedures Tonversion Training Transition Training Conversion Training Transition Training	14.01 14.02 14.03 14.04	050	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute
14.07 Conversion training ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures Automation Procedures 1D Number Category And Type of Training 1 2 3 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training Conversion Training Conversion Training Conversion Training Transition Training Conversion Training	14.01 14.02 14.03 14.04	050	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training
ADS Surveillance and Separation Procedures 14.08 Conversion Training Automation Procedures ID Number Category And Type of Training 1 2 3 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training Conversion Training Conversion Training RNP Procedures Conversion Training Conversion Training	14.01 14.02 14.03 14.04	050	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach
Separation Procedures Conversion Training Automation Procedures ID Number Category And Type of Training 1 2 3 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training Conversion Training Conversion Training RNP Procedures Conversion Training Conversion Training Conversion Training Conversion Training	14.01 14.02 14.03 14.04 14.05	050	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures
Conversion Training Automation Procedures	14.01 14.02 14.03 14.04	050	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training:
Automation Procedures ID Number Category Support Supp	14.01 14.02 14.03 14.04 14.05	050	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training: ADS Surveillance and
ID Number Category and Type of Training 1 2 3 14.09 Conversion Training Separation Procedures RNP Procedures RNP Procedures St.	14.01 14.02 14.03 14.04 14.05 14.06	050	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures
Category and Type of Training 1 2 3 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05	050	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training:
Training Training Training Conversion Training Separation Procedures Conversion Training RNP Procedures Separation Procedures Training RNP Procedures Training Transition Training Transition Training Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06		Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures
Training 1 2 3 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06	ICAO	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures
1 2 3 14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06	ICAO	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: AUS Surveillance and Separation Procedures Conversion Training: Automation Procedures
14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06	ICAO	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: ADS Conversion Training: ADS Conversion Training: AUS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of
14.09 Conversion Training Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06	ICAO	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: ADS Conversion Training: ADS Conversion Training: ADS Conversion Training: Automation Procedures Job Category and Type of
Separation Procedures 14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training
14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training: 3
14.10 Conversion Training RNP Procedures 15 050 Airspace Planning 15.01 Transition Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training: 3 Conversion Training:
RNP Procedures 15 050 Airspace Planning 15.01 Transition Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08 ID Number	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training: 3 Conversion Training:
15050Airspace Planning15.01Transition Training15.02Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08 ID Number	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training 3 Conversion Training: Separation Procedures
15.01 Transition Training 15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08 ID Number	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training 3 Conversion Training: Separation Procedures Conversion Training: Conversion Training: Conversion Training: Conversion Training:
15.02 Conversion Training	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08 ID Number 14.09	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training 3 Conversion Training: Separation Procedures Conversion Training: RNP Procedures
	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08 ID Number 14.09 14.10	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training 3 Conversion Training: Separation Procedures Conversion Training: Separation Procedures Conversion Training: Separation Procedures Conversion Training: Separation Procedures Airspace Planning
Automation Training	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08 ID Number 1 14.09 14.10	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training 3 Conversion Training: Separation Procedures Conversion Training: Automation Procedures Job Category Automation Procedures Conversion Training: Separation Procedures Conversion Training: RNP Procedures Airspace Planning Transition Training
	14.01 14.02 14.03 14.04 14.05 14.06 14.07 14.08 ID Number 14.09 14.10	ICAO Category	Area Controller - Non-Radar Initial Training Transition Training Refresher Training: Conversion Training: Data Link and Message Formatting Conversion Training: GNSS Enroute Conversion Training: GNSS Approach Procedures Conversion training: ADS Surveillance and Separation Procedures Conversion Training: Automation Procedures Job Category and Type of Training 3 Conversion Training: Separation Procedures Conversion Training: Separation Procedures Conversion Training: Separation Procedures Conversion Training: Conversion Training: Transition Training Conversion Training

15.03		Conversion Training:
45.04		RNP Airspace
15.04		Conversion Training: GNSS
15.05		Conversion Training: RNAV
16	050	Search and Rescue Coordinator
16.01		Foundation Training
16.02		Initial Training
16.03		Transition Training
16.04		Refresher Training
16.05		Conversion Training: AMSS, GNSS and ADS
17	050	Air Traffic Control Automation
17.01		Foundation Training
17.02		Initial Training
17.03		Transition Training
17.03		
		Refresher Training
17.05		Conversion Training:
		Data Communications
17.06		Conversion Training: LAN/WAN
17.07	Ì	Conversion Training:
		ATM Automation and
		Algorithm Development
17.08		Conversion Training:
17.00		Software Design,
		Development and
		Testing
10	050	
18	050	Air Traffic Control Supervisor
18.01		Transition Training
		Refresher Training
18.02		
18.03		Conversion Training:
		Data Link and Message
	<u> </u>	Formatting
18.04		Conversion Training:
		GNSS Enroute
		Procedures
18.05		Conversion Training
		GNSS Approach
		Procedures
18.06		Conversion training:
10.00		ADS Surveillance and
10.07]	Separation Procedures
18.07		Conversion Training
		Automation Procedures
ID Number	ICAO	Job Category
	Category	and Type of
		Training
1	2	3
-	_	=
18.08		Conversion Training:
		RNAV and RNP
		Procedures
19	050	Senior Manager
19.01		Transition Training
19.02		Conversion Training:
		Operational Planning
		for CNS/ATM Systems
20	050	Facility Management
-		and Planning
20.01		Initial Training
20.01		
20.02		Transition Training
20.03		Technical Planning for
0.4	050	CNS/ATM System
21	050	Data processing and
21	050	

21.01		Initial Training
21.01		Conversion Training:
21.02		Software Design,
		Development and
		Testing
21.03		Conversion Training:
		Automated Flight Strips
21.04		Conversion Training:
04.05		ADS Processing
21.05		Conversion Training: Data Communications
		(LAN/WAN)
21.06		Conversion Training:
		Data Link
		Communications
22	050	Human/Computer
		Interface
22.01		Initial Training
22.02		Conversion Training: Human Factors and
		Automation Design
22.03		Conversion Training:
22.00		Software Design,
		Development and
		Evaluation
23	100	Airport Maintenance -
		Electrical
23.01		Foundation Training
23.02		General Maintenance
23.03		Airport Lighting
23.04		Power Generation
24	100	Airport Maintenance -
		Mechanical
24.01		Foundation Training
24.02		General Maintenance
		A 1 11.1 1
24.03		Airconditioning
24.03 25	100	Airport Maintenance -
25	100	Airport Maintenance - Pavement
	100	Airport Maintenance -
25	100	Airport Maintenance - Pavement Maintenance and
25 25.01		Airport Maintenance - Pavement Maintenance and Repair
25 25.01 25.02		Airport Maintenance - Pavement Maintenance and Repair Testing Job Category
25 25.01 25.02	ICAO	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of
25 25.01 25.02	ICAO	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category
25 25.01 25.02 ID Number	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training
25.01 25.02 ID Number	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training
25 25.01 25.02 ID Number	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement
25.01 25.02 ID Number 1	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control
25.01 25.02 ID Number 1 26 26.01	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training
25.01 25.02 ID Number 1 26 26.01 26.02	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Initial Training
25.01 25.02 ID Number 1 26	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Initial Training Computer Database
25.01 25.02 ID Number 1 26 26.01 26.02 26.03	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Initial Training Computer Database Applications
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging
25.01 25.02 ID Number 1 26 26.01 26.02 26.03	ICAO Category	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Initial Training Computer Database Applications Computer Messaging Airport Fire Fighter -
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Initial Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.01	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Refresher Training
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training Airport Fire Fighter - Basic
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03 28	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training Airport Fire Fighter - Basic Foundation training Airport Fire Officer - Junior
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03 28 28.01	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training Refresher Training Airport Fire Officer - Junior Initial Training
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03 28 28.01 28.02	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training 3 Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Refresher Training Airport Fire Officer - Junior Initial Training Airport Fire Officer - Junior Initial Training Transition Training
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03 28 28.01 28.02 28.03 28.04	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training Refresher Training Refresher Training Airport Fire Officer - Junior Initial Training Conversion Training Refresher Training Refresher Training Conversion Training Application of GNSS
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03 28 28.01 28.02 28.03 28.04 28.05	ICAO Category 2 100 110	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Refresher Training Refresher Training Airport Fire Officer - Junior Initial Training Refresher Training Conversion Training Refresher Training Refresher Training Conversion Training: Application of GNSS Computer Messaging
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03 28 28.01 28.02 28.03 28.04	ICAO Category 2 100	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training Refresher Training Refresher Training Airport Fire Officer - Junior Initial Training Conversion Training Refresher Training Application of GNSS Computer Messaging
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03 28 28.01 28.02 28.03 28.04 28.05 29	ICAO Category 2 100 110	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training Refresher Training Refresher Training Airport Fire Officer - Junior Initial Training Conversion Training Refresher Training Application of GNSS Computer Messaging Airport Fire Officer - Junior Initial Training Conversion Training Refresher Training Conversion Training Application of GNSS Computer Messaging Airport Fire Officer - Senior
25.01 25.02 ID Number 1 26 26.01 26.02 26.03 26.04 27 27.01 27.02 27.03 28 28.01 28.02 28.03 28.04 28.05	ICAO Category 2 100 110	Airport Maintenance - Pavement Maintenance and Repair Testing Job Category and Type of Training Material Procurement & Stock Control Foundation Training Computer Database Applications Computer Messaging Airport Fire Fighter - Basic Foundation training Initial Training Refresher Training Refresher Training Airport Fire Officer - Junior Initial Training Conversion Training Refresher Training Application of GNSS Computer Messaging Airport Fire Officer -

29.03		Conversion Training:
		Application of GNSS
29.04		Conversion Training:
	400	Computer Messaging
30	120	Airport Management - Administration
30.01		Initial Training
30.02		Commercial
		Management
30.03		Computer Applications
30.04		Conversion Training:
		Computer Messaging
31	120	Airport Management - Technical
31.01		Initial Training
31.02		Airport Safety
31.03		Airport Operations and
		Inspection
31.04		Airport Noise Control
31.05		Airport Emergency
		Planning
32	160	Communications
		Maintenance - HF/VHF
32.01		Foundation training
32.02		VHF Equipment
		Specific Training
32.03		HF Equipment Specific
		Training
32.04		Note: The following
		rows should indicate the specific equipment
		training requirements
D Number	ICAO	Job Category
	Category	and Type of
		and type of
		Training
		Training
1	2	Training 3
1 33	2	Training 3 Communications
•		Training 3 Communications Maintenance - Fixed
33		3 Communications Maintenance - Fixed Links
33.01		3 Communications Maintenance - Fixed Links Foundation training
33		3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF,
33.01 33.02		3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat)
33.01 33.02		Training 3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following
33.01 33.02		3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate
33.01		3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment
33.01 33.02	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements
33.01 33.02 33.03		3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment
33.01 33.02 33.03	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre
33.01 33.02 33.03 34 34.01	160	Training 3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training
33.01 33.02 33.03 34 34.01	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer
33.01 33.02 33.03 34.01 34.01	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals
33.01 33.02 33.03 34.01 34.01	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and
33.01 33.02 33.03 34.01 34.02 34.03	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology
33.01 33.02 33.03 34.01 34.02 34.03	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications
33.01 33.02 33.03	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology
33.01 33.02 33.03 34.01 34.02 34.03	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment
33.01 33.01 33.02 33.03 34.01 34.02 34.03 34.04	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment training requirements
33.01 33.01 33.02 33.03 34.01 34.02 34.03 34.04	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment training requirements Navigation Aids
33.01 33.01 33.02 33.03 34.01 34.02 34.03 34.04	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment training requirements Navigation Aids Maintenance -
33.01 33.02 33.03 34.01 34.02 34.03 34.04 34.05	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment training requirements Navigation Aids Maintenance - NDB/VOR/ILS/DME
33.01 33.01 33.02 33.03 34.01 34.02 34.03 34.04 34.05	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment training requirements Navigation Aids Maintenance - NDB/VOR/ILS/DME Foundation training
33.01 33.01 33.02 33.03 34.01 34.02 34.03 34.04	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment training requirements Navigation Aids Maintenance - NDB/VOR/ILS/DME Foundation training Equipment Specific Training
33.01 33.01 33.02 33.03 34.01 34.02 34.03 34.04 34.05	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment training requirements Navigation Aids Maintenance - NDB/VOR/ILS/DME Foundation training Equipment Specific Training Note: The following
33.01 33.01 33.02 33.03 34.01 34.02 34.03 34.04 34.05	160	3 Communications Maintenance - Fixed Links Foundation training Equipment Specific Training (UHF, HF, VHF, microwave/V-Sat) Note: The following rows should indicate the specific equipment training requirements Communications Maintenance - AFTN/CIDIN Centre Foundation training Computer Fundamentals Computer and Switching Technology Data Communications Note: The following rows should indicate the specific equipment training requirements Navigation Aids Maintenance - NDB/VOR/ILS/DME Foundation training Equipment Specific Training

		training requirements
35.04		Conversion Training:
		Equipment Specific Training (GNSS, LAAS
		and WAAS)
35.05		Note: The following
00.00		rows should indicate
		the specific equipment
		training requirements
36	160	CNS Planner/
		Installation Manager
36.01		Planning and
		Installation Initial
		Training
36.02		Conversion Training for
		CNS/ATM Systems
37	160	Surveillance
07.04		Maintenance
37.01		Foundation training
37.02		Equipment Specific
		Training (Primary and Secondary Radar)
37.03		Note: The following
07.00		rows should indicate
		the specific equipment
		training requirements
ID Number	ICAO	Job Category
	Category	and Type of
		Training
1	2	3
37.04		Conversion Training:
		Equipment Specific
		Training (ADS)
37.05		Note: The following
		rows should indicate
		the specific equipment
		the specific equipment training requirements
38	160	the specific equipment training requirements Com/NavAids/
38	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support
	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control
38.01	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training
	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database
38.01 38.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications
38.01 38.02 38.03		the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging
38.01 38.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance
38.01 38.02 38.03 39		the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor
38.01 38.02 38.03 39		the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training
38.01 38.02 38.03 39 39.01 39.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training
38.01 38.02 38.03 39		the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication
38.01 38.02 38.03 39 39.01 39.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations -
38.01 38.02 38.03 39 39.01 39.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station
38.01 38.02 38.03 39 39.01 39.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations -
38.01 38.02 38.03 39 39.01 39.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training
38.01 38.02 38.03 39 39.01 39.02 40	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile)
38.01 38.02 38.03 39 39.01 39.02 40	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training
38.01 38.02 38.03 39 39.01 39.02 40	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication
38.01 38.02 38.03 39 39.01 39.02 40	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Communication Operations - Fixed Service Operator
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41 41.01 41.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment training requirements
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment training requirements Conversion Training:
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41 41.01 41.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment training requirements Conversion Training: Computer
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41 41.01 41.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment training requirements Computer Fundamentals
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41 41.01 41.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment training requirements Conversion Training: Computer Fundamentals Conversion Training:
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41 41.03 41.04	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment training requirements Conversion Training: Computer Fundamentals Conversion Training: ATN Applications
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41 41.01 41.02	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment training requirements Conversion Training: Computer Fundamentals Conversion Training: ATN Applications: Computer Applications:
38.01 38.02 38.03 39 39.01 39.02 40 40.01 40.02 41 41.03 41.04	160	the specific equipment training requirements Com/NavAids/ Surveillance- Support Spare Stock Control Foundation training Computer Database Applications Computer Messaging CNS - Maintenance Supervisor Transition training OJT Instructor Training Communication Operations - Aeronautical Station Operator (Mobile) Foundation training Initial Training Communication Operations - Fixed Service Operator Foundation training Note: The following rows should indicate the specific equipment training requirements Conversion Training: Computer Fundamentals Conversion Training: ATN Applications

		Messaging
41.06		Conversion Training:
		Equipment Specific
		Training (ATN)
41.07		Note: The following
		rows should indicate the specific equipment
		training requirements
42	170	Communication
		Operations -
		Supervisor
42.01		Transition Training
42.02		Conversion Training:
		Computer Fundamentals
42.03		Conversion Training:
42.00		ATN Applications
ID Number	ICAO	Job Category
	Category	and Type of
		Training
		Training
1	2	3
42.04	_	Computer Applications:
		Data Communications
		and Computer
10.05		Messaging
42.05		Conversion Training: Equipment Specific
		Training (ATN)
42.06		Note: The following
		rows should indicate
		the specific equipment
		training requirements
		Conversion Training: See Description of New
		Jobs
43	170	Communication
		Operations -
		Management
43.01		Transition Training
43.02		Conversion Training: Computer
		Fundamentals
43.03		Conversion Training:
		ATN Applications
43.04		Computer Applications:
		Data Communications
		and Computer Messaging
43.05		Conversion Training:
		Equipment Specific
		Training (ATN)
43.06		Training (ATN) Note: The following
43.06		Training (ATN) Note: The following rows should indicate
43.06		Training (ATN) Note: The following rows should indicate the specific equipment
		Training (ATN) Note: The following rows should indicate the specific equipment training requirements
43.06 43.07		Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New
	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway,
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway, IS and ES)
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway, IS and ES) Initial Training
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipments training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway, IS and ES) Initial Training
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway, IS and ES) Initial Training Pre-requisite training: Computer Workstation
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway, IS and ES) Initial Training Pre-requisite training: Computer Workstation
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway, IS and ES) Initial Training Pre-requisite training: Computer Workstation Maintenance
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway, IS and ES) Initial Training Pre-requisite training: Computer Workstation Maintenance
43.07	170	Training (ATN) Note: The following rows should indicate the specific equipment training requirements Conversion Training: See Description of New Jobs ATN Technician (AFTN/ATN Gateway, IS and ES) Initial Training

		Computer Messaging
45	170	ATN Network
		Administrator
		Initial Training
		Pre-requisite training:
		Operating and
		Configuring Computer
		Workstations,
		Operating Systems and LANS
ID November	ICAO	_
ID Number		Job Category and
	Category	Type of Training
1	2	3
•	_	LAN planning and
		administration
		Managing User
		Accounts and
		7 tooodino dila
		Electronic Mail
46	170	Electronic Mail ATN Systems
46	170	Electronic Mail ATN Systems Engineer
46	170	Electronic Mail ATN Systems Engineer Initial Training
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training:
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation Environment
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation Environment Planning and
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation Environment
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation Environment Planning and Implementation of a LAN Planning and
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation Environment Planning and Implementation of a LAN Planning and Implementation of a
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation Environment Planning and Implementation of a LAN Planning and Implementation of a WAN
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation Environment Planning and Implementation of a LAN Planning and Implementation of a WAN Planning and
46	170	Electronic Mail ATN Systems Engineer Initial Training Pre-requisite training: Planning/ Configuring Computer Workstation Environment Planning and Implementation of a LAN Planning and Implementation of a