

CONTENTS

FOREWORD..... i

CONTENTS ii

INTRODUCTION..... iv

1 Runway Safety

1.1 Runway Safety Team 1

1.1.1 Function of a Local Runway Safety Team..... 1

1.1.2 Reporting Culture..... 1

1.1.3 Establishing a Local Runway Safety Team 1

1.1.4 Terms of Reference and Actions..... 2

1.1.5 Hot Spots..... 2

1.1.6 Identification of Potential Runway Issues 2

1.1.7 ACI Recommended Training (Airport Perspective)..... 3

1.2 Runway Safety Awareness..... 3

1.3 Change Management (Construction)..... 3

2 Planning and Design

2.1 Master Plan for New Infrastructure 4

2.2 Design of New Infrastructure 5

2.3 Planning and Redesign of Existing Infrastructure..... 7

2.4 Taxiway Naming Convention..... 10

2.5 Stop Bars 11

2.6 Visual Aids..... 12

2.6.1 Markings 12

2.6.2 Signs 13

2.6.3 Aerodrome Ground Lighting 14

2.7 RESAs 15

3 Operation

3.1 Runway Inspection..... 16

3.2 Wildlife Prevention 19

3.3 FOD Management..... 19

3.4 Obstacle Control 20

3.4.1 Establishment of OLS (Obstacle Limitation Surface)..... 20

3.4.2 Procedures for Aerodrome Operators to Control OLS..... 21

3.4.3 Type A Charts..... 21

3.5 Communication/Surveillance 22

3.5.1 Radio Frequencies and ICAO Phraseology..... 22

3.5.2	Stop bars - communication procedures	22
3.6	Vehicle and Driver Training.....	22
3.7	Incident Reporting/Investigation/Statistics	23
3.8	Adverse Weather	24
3.9	Protection of Navigational Aids.....	25
3.10	AIS/AIP.....	26
3.10.1	AIRAC.....	27
3.10.2	Aeronautical Charts.....	28
3.10.3	Hot Spots Depiction in Aerodrome Chart	28

4 Maintenance, Temporary Restriction and Construction

4.1	Maintenance for Runway Safety	29
4.1.1	Maintenance – General	29
4.1.2	Surface Condition	29
4.1.3	Visual Aids and Non-Visual Aids	30
4.1.4	Removal of Contaminants.....	32
4.1.5	Drainage.....	32
4.1.6	Vegetation Control	33
4.2	Temporary Restriction	33
4.2.1	Declared Distance.....	33
4.2.2	Displaced Threshold	35
4.2.3	Dissemination of Information	36
4.2.4	Reduced RFF	36
4.2.5	Temporary Obstacles	36
4.2.6	ILS.....	37
4.2.7	Runway Closure	37
4.3	Construction Safety	38
4.3.1	Planning Construction.....	38
4.3.2	Preventive Activities for Construction Area (Restricted Area).....	39
4.3.3	Protection of Construction Area.....	40
4.3.4	Closing Construction and Reopening Runway	40

Annexes

A	Definitions	42
B	Acronyms	43
C	References	44
D	Frequently Asked Questions about RST	45
E	AIP & NOTAM Change Processes.....	46