

TABLE OF CONTENTS

CHAPTER 1. The Vehicle Selection Process1

1.1. General.....1

1.2. Background.....1

1.3. ARFF Vehicle Requirements.....1

1.4. Step 1 – Determining Replacement Need.....3

1.5. Step 2 – Determining Airport Index.....3

1.6. Step 3 – Determining Agent Requirements.....5

1.7. Step 4 – Determining Vehicle Requirements.....7

CHAPTER 2. Interactive Procurement Specification - Input.....9

2.1. General.....9

2.2. Airport Requirements Worksheet, Classes 1-3.....10

2.3. Airport Requirements Worksheet, Class 4.....13

2.4. Airport Requirements Worksheet, Class 5.....17

CHAPTER 3. Interactive Procurement Specification - Output.....21

3.1. Vehicle Procurement Specification, Class 1.....21

3.2. Vehicle Procurement Specification, Class 2.....47

3.3. Vehicle Procurement Specification, Class 3.....73

3.4. Vehicle Procurement Specification, Class 4.....99

3.5. Vehicle Procurement Specification, Class 5.....129

APPENDIX A. Previous FAA Additions, Exemptions, or Amendments to NFPA 414 ...159

APPENDIX B. ARFF Vehicle Training Equipment.....171

LIST OF FIGURES

Figure 1-1. Advisory Circular (AC) Flowchart1

Figure 1-2. Decision Logic Diagram Summary for Index A-E Airports.....2

Figure 1-3. Airport Index and Fuselage Lengths.....4

Figure 2-1. Specification Completion Process.....9

LIST OF TABLES

Table 1-1. Sample Aircraft Types by Airport Index.....5

Table 1-2. Airport Index and Vehicle Class Requirements.....7