Symbols A

ACETA 3-13

Administration 16-7, 17-5

Aerial Capture, Eradication, And Tagging of Animals

ACETA Project Helicopter Crewmember, Duties and responsibilities 2-

ACETA Project Helicopter Manager, Duties and responsibilities 2-24

Aerial Capture, Eradication, And Tagging Of Animals

Duties and Responsibilities 3-13

Aerial Ignition 2-22

Position duties and responsibilities 15-9

Aerial Supervision 16-2

Aerial Supervision/Airspace Coordination 17-2

Aircraft Base Radio Operator 15-7

Coordination with Air Tactical Group Supervisor 2-19

Coordination with Takeoff and Landing Coordinator 3-17, 2-8

Duties and Responsibilities 2-7

Aircraft Capability 2-6

Aircraft Contract Daily Diary

Helicopter Manager responsibility 2-10

Aircraft Cost-Comparison Analysis 2-8

Aircraft Data Card

Helicopter Manager responsibility 2-8

Pilot responsibility 2-7

Project Flight Manager responsibility 2-6

Aircraft Flight Request/Schedule

Helicopter Manager responsibility 2-8

Project Flight Manager responsibility 2-20

Aircraft Fuel Facility Inspection Log 6-1

Helicopter Manager responsibility 2-12

Aircraft selection

Factors 15-9

Helicopter Manager responsibility 2-23

Project Flight Manager responsibility 5-4

Aircraft Timekeeper 15-8

Duties and Responsibilities 10-2

Air crew member

During external load missions 3-20

Situations when may be on board during external load missions 2-12

Airframe and powerplant rating

Mechanic 2-19

Air Guard

Discussion 2-14

Air Operations Summary

Helibase Manager responsibility 2-11

Airspace Coordination 2-14

Air Support Group Supervisor 2-6

Coordination with Helicopter Coordinator 4-8

Air traffic control

At helibases 2-6

At helispots 2-8

By FAA in lieu of Takeoff and Landing Coordinator 6-1

Helibase frequency 7-1, 5-3

Takeoff and Landing Coordinator responsibility 1-2

Allowable payload 7-2

Effect of environmental conditions 5-1

Helispot Manager responsibility 5-1

Pilot responsibility for computing 5-1

Pilot responsibility not to exceed 3-5

Approval

Checking of cards, responsibility 5-5

Cooperator (civil) aircraft 5-1

Flight in unapproved aircraft 5-1

Mechanic Qualification Card 10-2

Approval for flight

Helicopter Manager responsibility 9-4

Authority 13-3

B

Barrel Hooks/Clamps 9-27

Bonding Requirements 13-8

Briefing 11-25, 15-3, 15-5

Aircraft Base Radio Operator responsibility 2-20

Aircraft Safety Briefing format 2-20

Aircraft Timekeeper responsibility 10-4

By Loadmaster to passengers 2-18

Deck Coordinator responsibility 2-15

Delegation of responsibility by Pilot to authorized personnel 2-10

Emergency procedures 2-13

Helibase Manager responsibility 10-5

Helicopter Coordinator responsibility 2-23

Helicopter Manager responsibility 2-6, 2-22

Helispot Information Summary as pilot briefing tool

Helispot Manager responsibility 2-16

Loadmaster responsibility 2-18

Mixmaster responsibility 2-21

Parking Tender responsibility 2-17

Pilot responsibility 2-8

Project Flight Manager responsibility 2-19

Takeoff and Landing Coordinator responsibility 9-28

\mathbf{C}

Canines 16-4

Capabilities 16-3

Capabilities and limitations, general 2-12

Carbon Dioxide 6-1

Carding 16-3, 17-2

Carding (See Approval) 12-9

Cargo

Helibase Manager responsibility 2-22

Cargo Freefall 11-33

Cargo Letdown 11-31

Cargo Lift Bag 9-23

Cargo Net 9-21

Cargo Preparation 11-4

Cargo restraint

Parking Tender responsibility 6-1

Cargo Transport 16-5, 17-4

Center of gravity 4-1

Certification 17-1

Rappellers 4-7

Check-in information

Flight following 4-6 Crash-Rescue 16-6, 17-4 Chokers 9-29 D Classes of Fire 9-33 Communications 4-9 Aircraft Base Radio Operator, responsibilities 12-7 Daily Helicopter Operations Briefing/Debriefing Checklist As management tool for the Helibase Manager 2-11 Aircraft VHF-AM Radio 4-11 Deck Coordinator responsibility 2-16 Aircraft VHF-FM Radio 4-11 Helibase Manager responsibility 2-13 Air Guard frequency 4-13 Daily Inspections 13-18 Air Operations Summary 4-13 Daily Preflight Check 14-2 Air-to-Air Tactics frequency 4-11 Debriefing 15-3, 15-5 Air-to-Ground Tactics 4-7 Aircraft Base Radio Operator responsibility 2-20 Air traffic advisories 4-11 Aircraft Timekeeper responsibility 2-21 Combining functions 4-2 Deck Coordinator responsibility 2-16 Command frequency 4-11 Helibase Manager responsibility 2-13 Communications Plan, review of 4-9 Helicopter Coordinator responsibility 2-24 Deck Communication and Coordination 4-7 Helispot Manager responsibility 2-13 Dispatch Flight Following Log 4-11 Loadmaster responsibility 2-18 Flight Following frequency 4-13 Parking Tender responsibility 2-17 Forms utilized 4-5 Takeoff and Landing Coordinator responsibility 2-19 Frequency changes 4-6 Deck Coordinator 15-8 Frequency compatibility 4-9 Coordination with Aircraft Base Radio Operator 2-20 Frequency monitoring 2-23 Coordination with Loadmaster 2-18 General requirements 4-9 Coordination with Mixmaster 2-21 Helibase 2-17 Coordination with Parking Tender 2-17 Helibase Air Traffic Control frequency 4-9 Coordination with Takeoff and Landing Coordinator 2-19 Helibase Flight Following Log 4-13 Duties and Responsibilities 2-15 Helicopter Coordinator responsibility 2-24 Demobilization 15-21 Incident Communications Plan and Frequencies 4-7 Density altitude 6-1 Incident Radio Communications Plan 4-12 Discrete frequency New or changed frequencies 4-12 Takeoff and Landing Coordinator responsibility 2-12 On the deck 4-5 Display board Organization 2-12 Helibase Manager responsibility 12-9 Radio discipline 4-5 Display Board 15-14 Radio traffic 4-11 Distribution 12-10 Requirements 4-13 Dry Chemical 2-16 Special use mission requirements 1-1 Dry Powder 2-12 Support/Logistics frequency 4-6 Switching from one frequency to another 2-20 Dust abatement Deck Coordinator responsibility 2-25 Takeoff and Landing Coordinator, responsibilities 2-20 Helibase Manager responsibility 2-20 Takeoff and Landing Coordinator responsibility 2-16 Helispot Manager responsibility 2-15 Tones 2-12 Dust Abatement 2-22 Communications Equipment 15-11 Duties and responsibilities Communications/operations area ACETA Project Helicopter Crewmember 2-18 Helibase Manager responsibility 15-12 ACETA Project Helicopter Manager 2-24 Congested areas 6-5 Aircraft Base Radio Operator 2-21 Contamination Testing 2-18 Aircraft Timekeeper 2-17 Contracting Deck Coordinator 2-23 Contracting Officer authority, suspend Pilot Qualification Card 13-5 Helicopter Coordinator 2-23 Contracting Officer 2-17 Helicopter Crewmember 2-19 Cooperator (civil) aircraft Helicopter Manager 2-22 Approval of 2-22 Helicopter Manager, Law Enforcement 2-1 Cooperator (Civil) aircraft Load calculation requirement 15-2 \mathbf{E} Coordination 9-13 Crashed aircraft Electromagnetic Energy 13-7 Aircraft Base Radio Operator responsibility 9-14 Emergency landing area Crash-rescue Deck Coordinator responsibility 9-12

Emergency Locating Transmitter 9-11

Aircraft Base Radio Operator responsibility 12-2

Emergency operations	Helicopter Manager responsibility 2-16
Night flight 2-6	Helispot Manager responsibility 2-12
Emergency Operations 16-3, 17-2	Project Flight Manager responsibility 6-1
Equipment	Takeoff and Landing Coordinator responsibility 6-1
External load 2-16	Fuel capacity 2-17
Helicopter Manager responsibility 6-1	Fuel consumption 5-5
Helispot Manager responsibility 5-1	Fuel facility
Mixmaster responsibility 2-18	Carding 2-10
Pilot responsibility 3-13	Inspection 2-6
. ,	•
Project Flight Manager responsibility 2-17 Equipment Approval 17-2	Fueling
	Helibase Manager responsibility 5-5
Equipment Checks 13-16	Parking Tender responsibility 12-5
Equipment Required 13-15	Pilot responsibility 13-6
Equipment Requirements 16-4, 17-3	Fueling Area Emergency 13-1
Equipment Setup 13-15	Fueling Hazards 13-13
Equipped weight 10-1	Fueling Operations 16-6, 17-4
Essential passenger	FUELING OPERATIONS 5-5
Limiting manifest to essential passengers only 10-6	Fuel quality check
Evacuation Kit 9-13	Service truck 13-22
Exiting the helicopter 10-2	Fuel Quality Control Log
_	Vendor Service Truck 13-19
F	Fuel Spill Prevention Guidelines 13-4
	Fuel Spills 13-20
Federal Aviation Regulations	Fuel Truck 16-7
Pilot responsibility 2-10	
Fire Protection 16-6, 17-4	\mathbf{G}
Flight following 4-1	
Agency VFR flight plan 4-2	General Use 3-11
Aircraft Base Radio Operator responsibility 2-20	Grid Map Reference 16-2
Automated reporting via satellite 4-2	Grounding Requirements 13-8
Chart showing options 4-3	
Check-in facilities 4-2	
Check-in information 4-4	
Check-in requirements 4-4	Н
Check-in requirements for mission flight 4-4	
Check-in requirements, point-to-point flight 4-4	Halon 12-10
Check-in with agency facility 4-3	Hand signals
Check-in with FAA facility 4-2	Parking Tender responsibility 11-27
Definition 4-1	Hand Signals 11-25
Documentation 4-2	Harnesses 9-10
Failure to meet check-in requirements 4-5	Hazard analysis
Helibase 4-11	Helicopter Manager responsibility 2-12
Helibase Flight Following Log 4-2	Project Flight Manager responsibility 2-7
Helibase Manager responsibility 2-13	Hazard identification
Helicopter Manager responsibility 2-6	Helibase Manager responsibility 2-10
Identification of requirements 4-1	Helicopter Manager responsibility 2-8
·	Helispot Manager responsibility 2-12
Instrument Flight Rules (IFR) flight plan 4-2	Project Flight Manager responsibility 2-9
Law enforcement missions 4-2	
Methods 4-2	Hazard map
Pilot responsibility 2-10	Helibase Manager responsibility 2-14
Project Flight Manager responsibility 2-8	Hazardous materials
Responsibilities 4-1	Loadmaster responsibility 11-3
Visual Flight Rules (VFR) flight plan 4-2	Hazardous Materials 2-21, 16-5
Flight Following 16-2, 17-2	Helibase 16-6
Flight Manager	Communications 2-19
Duties and Responsibilities 2-8	Helibase Aircraft Information Summary
Forms	Aircraft Timekeeper responsibility 4-2
Aircraft Timekeeper responsibility 2-8	Helibase Manager responsibility 2-23
Helibase Manager responsibility 2-19	Helibase Daily Use and Cost Summary

Aircraft Timekeeper responsibility 2-25 Helibase Emergency Rescue Plan	L
Aircraft Base Radio Operator responsibility 2-21	Landing Areas 16 4
Helibase facilities	Landing Areas 16-4
Helibase Manager responsibility 2-21	Landing Sites 7-3 law enforcement 16-1
Helibase Facilities, Hazard, and Flight Route Map	Law Enforcement 7-5
Helibase Manager responsibility 2-11	
Helibase Facilities, Hazard, And Flight Route Map	Helibase management 7-1 Law Enforcement Officer
Deck Coordinator responsibility 2-16	As Helicopter Manager 2-23
Helibase Flight Following Log	Lightweight Cargo Net 9-23
Aircraft Base Radio Operator responsibility 2-11	Limitations 16-3
Requirements 2-12	Congested areas 6-6
Helibase Flight Time Tracking Record	Day/Night 2-17
Aircraft Timekeeper responsibility 4-9	Day VFR for single-engine helicopters 7-3
Helibase management	Flight, driving, and duty day 7-3
Law enforcement operations 2-4	Military aircraft 2-18
Helibase Manager 15-6	Night flight 7-8
Coordination with Aircraft Base Radio Operator 7-1	Snow operations 7-4
Coordination with Aircraft Timekeeper 7-1	Wind restrictions 7-3
Coordination with Helicopter Coordinator 2-23	Load calculation
Coordination with Mixmaster 2-13	Altimeter reading to determine pressure altitude 7-2
Helibase Manager Kit 15-22	Change in temperature, elevation, and/or weight 7-1
Helibase Manager's Reminders List	Computer-generated 7-3
Deck Coordinator responsibility 2-21	Copier-enlarged copies 7-2
Helibase Manager responsibility 2-16	Effect of environmental conditions 7-2
Review of 2-15	Equipped weight 7-6
Helibase Personnel 15-6	Errors 7-4
Helicopter Capabilities and Limitations 17-3	Flight crew weight 7-6
Helicopter Data Card 9-41	Frequency of completion 7-1
Helicopter Fixed Tank 9-27	Takeoff and landing limitations 10-2
Helicopter Landing Areas 17-3	Transport of personnel 10-5
Helicopter Manager's Kit 9-35	Load Calculations 16-4, 17-3
Helicopter Turbine Engine Performance Analysis Chart 15-20	Loadmaster
Helispot Information Summary	Coordination with Parking Tender 9-29
Helispot Manager responsibility 11-22	Duties and Responsibilities 15-10
Helispot Management 17-5	Responsibility to provide aircraft safety briefing 11-33
Helispot Manager 15-9	Loadmasters 15-9
I	M
Ignition Sources 13-6	Maintenance 16-4, 16-6, 17-3, 17-4
Incident Command System 17-2	Helibase Manager responsibility 2-12
Incident/hazard report	Management of helicopters
Helicopter Manager responsibility 2-8	Position duties and responsibilities 2-4
Project Flight Manager responsibility 2-9	Manifest 7-8
Incident Map	Copy at departure base 7-8
Helibase Manager responsibility 5-1	General 7-1
In-Flight Emergency 16-4	Helibase Manager responsibility 2-7
Injured Officers 5-5	Helicopter Manager responsibility 2-6
Inspection	Interagency Helicopter Passenger/Cargo Manifest 10-3
Personnel and equipment 2-7	Loadmaster responsibility 2-14
Responsibility for checking service truck card 14-3	Personnel 10-3
Inspections 13-18	Project Flight Manager responsibility 7-8
Inspections and Quality Control 6-4	Requirements 6-1, 10-3
Inspection sticker, Service truck 9-1	Transport of personnel 10-2
	Manifests 16-4, 17-3
	Mapping of helispots
	Helispot Manager responsibility 8-15
	Markings for Aerial Identification 3-13

Maximum certificated gross weight 5-4	Pilot responsibility 2-10
Maximum computed gross weight 7-5	Temperature ranges 7-5
Factors to consider 7-4	Performance Chart
Load calculation 7-5	Determining load capability 2-17
Mechanic	Performance charts 7-1
Approval, USDA-FS Procedure 2-4	Performance evaluation
Approval, USDI Procedure 5-1	Deck Coordinator responsibility 2-16
Mechanic approval 2-20	Helibase Manager responsibility 2-16
Mechanic Approval 14-1	Performance planning card
Mechanic Qualification Card 8-9	Military helicopters 2-6
Mechanic Subsistence 14-4	Performance Planning Card
Mechanized Construction	In lieu of load calculation for military aircraft 7-1
Media 4-4	Permanent Helibase 8-1
Authorization to fly 10-2	Personal protective equipment
Incident flights 10-2	Deck Coordinator responsibility 2-15
Project flights 10-2	Helibase Manager responsibility 2-1
Requirements for flight 10-2	Helicopter Manager responsibility 2-25
Restricted category helicopters 10-2	Helispot Manager responsibility 5-1
Medical Transport 17-4	Loadmaster responsibility 5-1
Military aircraft	Mixmaster responsibility 2-22
Approval of 2-21	Pilot responsibility 2-10
Load calculation 4-13	Project Flight Manager responsibility 5-1
Performance Planning Card system 7-2	Personnel 17-2
Personnel transport on incidents 10-6	Duties and responsibilities 2-10
Personnel transport on projects 10-6	Personnel Duties 17-1
Personnel transport procedures 10-6	Personnel Restraints 9-10
Military Aircraft 11-4	Personnel Transport 9-11, 17-4
Times y Times Time	Personnel transport (see Transport, personnel) 16-4
N	Pilot
14	
Night flight	Aerial Capture, Eradication, And Tagging Of Animals 2-8
	Approval of 5-1
Emergencies 6-4	Authorization of air crew member on board during external load 3-10
Multi-engine helicopters 6-3	Carding 10-3
Weather minima 6-3	Law Enforcement Pilot, Duties and responsibilities 4-4
Non-Emergency Operations 16-3	Load calculation 2-10
Numbering of helispots	Responsibility to complete load calculation 7-2
Helispot Manager responsibility 2-16	Responsibility to provide passenger briefing 7-2
0	Special use approval 10-5
0	Pilot Qualification Card
	Expiration date
OMB Circular A-126	Helicopter Manager responsibility
Requirements 10-1	Issuing 4-2
Operating weight 1-2, 5-3	Pilot responsibility 2-7
Ordering 5-1	Project Flight Manager responsibility 2-7
Organization 2-20	Planning 15-5
Overnight Security 16-7	Plastic Sphere Dispenser (PSD) 9-31
- •	Point-to-Point 7-3
P	
	Positions 2.0
Parking Tender 15-8	Specialized 7-2
Coordination with Loadmaster 2-18	Preflight checklist
Duties and Responsibilities 2-17	Pilot responsibility 12-17
Payment document	
Helicopter Manager responsibility 2-7	Q
Pilot responsibility 2-10	Qualifications 17-1
Project Flight Manager responsibility 2-9	Pilot 5-1
Performance chart	
Conditions 7-5	
Equipment configuration 7-5	

R T Radio Takeoff and Landing Coordinator 15-7 VHF-AM aircraft radio 4-6 Coordination with Aircraft Base Radio Operator 2-16 VHF-FM aircraft radio 4-6 Coordination with Deck Coordinator 2-18 Radio Discipline 4-12 Coordination with Loadmaster 2-21 Radio Operator Coordination with Mixmaster 2-19 Duties and Responsibilities 2-22 Takeoff and landing limitations 6-1, 7-1 Rapid Refueling 13-10 Load calculation 7-6 Rappellers Skid weight, maximum 7-6 Duties and Responsibilities 3-13 Takeoff and Landing Limitations Position descriptions 2-6 Use of in lieu of performance limitations 7-1 Rappelling 2-8, 16-2, 17-2 Temporary Flight Restriction Record Keeping 13-20 Helibase Manager responsibility 2-25 Rehabilitation 15-21 Temporary Helibases 8-2 Resource tracking 1-2 Test Flight 14-3 Definition 4-5 Timekeeper Duties and Responsibilities 2-17 Helicopter Manager responsibility 3-1 Project Flight Manager responsibility 7-2 Tones 6-1 Requirements to make check-ins 5-1 Touchdown Pads 15-13 Responsibilities 17-1 Training 17-1 Restricted category Rappellers 10-1 Government employees on board, prohibition 10-2 Transport of Canines 17-4 Transport of Evidence 16-5 S Transport of Prisoners 16-4 Transport of Weapons 16-5 Safety and Technical Aviation Team 15-23 Transport, personnel Safety Circles 15-13 Air crew member 10-1 Safety Precautions 13-8 Arrival of personnel at helibase or helispot 10-4 Scope 2-17 Authorized passenger 10-5 Search and Rescue 4-5 Considerations 10-1 Helicopter and helibase positions 2-12 Considerations prior to loading 10-2 Seat belt Essential passenger 10-1 Parking Tender responsibility 2-10 External load missions, air crew member on board 10-1 Seat Belts 9-10 Flight crew member 10-4 Sectional aeronautical chart General 10-3 Requirements 3-13 Helispot Information Summary 10-7 Security 15-13 Interagency Helicopter Passenger/Cargo Manifest 10-5 Helibase Manager responsibility 2-16 Law enforcement operations 10-2 Pilot responsibility 9-40 Load calculation 10-6 Self-Supporting Open-Top ("Pumpkin") Water Tanks 9-35 Loading personnel 10-1 Manifest 10-5 Of ground vehicle traffic/parking areas and flight operations 2-18 Military aircraft procedures 10-5 Of landing areas at a helibase 2-12 OMB Circular A-126 10-3 Service Truck Data Card 2-7 Personal gear 10-1 Shorthaul 2-25, 16-2 Personal protective equipment 10-7 Shorthaul Operations 17-2 Procedures 10-2 Signing

U

Deck Coordinator responsibility 2-11

Helispot Manager responsibility 2-16

Helibase Manager responsibility 6-5

Deck Coordinator responsibility 15-15

Single Helicopter Load Capability Planning Summary Helicopter Manager responsibility 2-6

Loadmaster responsibility 6-5

Signing of helibase

Staging area

Unloading of personnel, procedures 10-6 Unscheduled Maintenance 14-4

Search and rescue operations 13-3

Supervision by qualified personnel 14-2

Restricted category 10-6

Unloading procedures 13-2

V

Vendor

Equipment, Approval and carding 5-1
Personnel, Approval and carding 5-1
Vendor Fueling Operations 13-10
Vendor Service Truck Fuel Quality Control Log 2-6

\mathbf{W}

Weighing 15-14
Weight and balance 6-1
General 6-2
Weight reduction 6-1
Jettisonable external load 7-6
Load calculation 7-6
Omitting, restricted category helicopter 7-2
Wind advisories
By the Parking Tender 6-4
Wind indicator
Helispot Manager responsibility 6-4
Wind restrictions 6-4