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AIRCRAFT INSPECTION FOR THE GENERAL AVIATION AIRCRAFT OWNER

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PREFACE

The inspections described in this Aircraft Inspection handbook are NOT intended to replace any required inspection. Rather, they are intended to familiarize persons with the techniques generally applicable to aircraft inspections whether they be owners, pilots, student mechanics, or others with aviation interests.

The services of an appropriately rated certificated repair station, certificated mechanic, or the manufacturer must be utilized for all required inspections and whenever any inspection reveals a questionable condition. We emphasize the fact that reliable inspection capability comes only with experience, and the use of this handbook does NOT qualify an individual to make final airworthiness determinations.

PART I—INSPECTION FUNDAMENTALS

Inspection requirements, owner's responsibilities, inspection time intervals, and sources of basic information are discussed in Part I.

PART II—INSPECTION TECHNIQUES

The general techniques used to inspect an aircraft are discussed in Part II.

To facilitate reference, in the explanation of important inspection processes, arrows appear on many of the illustrations. These indicate either the item or the general area to which the text refers.

Numerous illustrations are used to convey information to the reader in the most clear, graphic, and effective manner.

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This publication cancels the Personal Aircraft Inspection Handbook, AC 20–9, published in 1964. Suggestions for revision and improvement of this handbook are encouraged and may be forwarded to Department of Transportation, Federal Aviation Administration, Flight Standards National Field Office, AFS–500, P.O. Box 25082, Oklahoma City, Oklahoma 73125.

AIRCRAFT INSPECTION FOR THE GENERAL AVIATION AIRCRAFT OWNER

Contents

	Page
Preface	i
Part I. Inspection Fundamentals	1
Section 1. The Inspection Process	1
Section 2. Preventive Maintenance	4
Section 3. The Forces of Attrition	7
Section 4. Inspection Do's and Don'ts	14
Part II. Inspection Techniques	15
Section 1. Fuselage	15
Section 2. Cabin-Cockpit	21
Section 3. Engine Nacelle	27
Section 4. Landing Gear	42
Section 5. Wing-Center Section	53
Section 6. Empennage	61
Section 7. Propeller	66
Section 8. Radio	71
Section 9. Miscellaneous	75
Section 10. Preflight Inspection	77
Section 11. After Storage	80
APPENDIX A. General Safety Precautions	81
APPENDIX B. Aviation Fuel—Identification and Fueling Procedures	83
APPENDIX C. Certificate of Registration—Aircraft Eligibility and Application	85
APPENDIX D. Certificate of Airworthiness—General Information	87

List of Illustrations

PART I. Inspection Fundamentals

Figure		*Page*
I–1.	Five stresses acting on aircraft	10

Part II. Inspection Techniques

Section 1.

1–1.	Inspection chart—fuselage	15
1–2.	Cracked fuselage structure	16
1–3.	Cracked former	16
1–4.	Distorted fuselage skin	16
1–5.	Deteriorated fuselage fabric	16

Figure *Page*
1–6. External wing bracing attachment checkpoints 16
1–7. Proper cable routing 17
1–8. Improper cable routing 17
1–9. Proper routing of electrical wiring 17
1–10. Improper routing of electrical wiring 18
1–11. Leakage from chafed hydraulic line 18
1–12. Draining fuel tank sump 18
1–13. Doorlock checkpoints 19
1–14. Emergency exit checkpoints 19
1–15. Interior aft fuselage (light twin) 20

Section 2.
2–1. Inspection chart-cockpit 21
2–2. Inspection chart-cabin 22
2–3. Operational check—fuel tank selector valve 22
2–4. Circuit breaker and fuse panel 23
2–5. Check quantity hydraulic fluid 23
2–6. Instrument panel 24
2–7. Bellcrank checkpoints 24
2–8. Cable rubbing bulkhead 24
2–9. Gustlock 25
2–10. Frayed safety belt 25
2–11. Safety harness 25
2–12. Inspection items on seat 25

Section 3.
3–1. Inspection chart—engine and nacelle 27
3–2. Inspection chart—engine 28
3–3. Fuel strainer checkpoints 29
3–4. Carburetor inspection points 29
3–5. Carburetor air filters 30
3–6. Intake manifold checkpoints 30
3–7. Oil tank inspection 30
3–8. Oil quantity check 31
3–9. Satisfactory oil line installation 31
3–10. Unsatisfactory oil line installation 31
3–11. Oil-cooler checkpoints 32
3–12. Checking sparkplug torque 32
3–13. Unsatisfactory sparkplug cigarette 33
3–14. Igniter plug—gas turbine engine 33
3–15. Exhaust manifold checkpoints 33
3–16. Exhaust stack damage 34
3–17. Heat exchanger-shroud removed 35
3–18. Cowl flap checkpoints 36
3–19. Engine baffles 37
3–20. Engine mount checkpoints 37
3–21. Cracked engine mount 37
3–22. Checking starter security 38
3–23. Inspect cowling for damage 39
3–24. Damaged cowling 38

Figure		Page
3–25.	Repaired cowling	39
3–26.	Cowling installation checkpoints	40
3–27.	Evidence of chafing	41
3–28.	Battery installation checkpoints	41
Section 4.		
4–1.	Examples of tire defects	42
4–2.	Tire protected by drip pan	42
4–3.	Multiple disc-type brake	43
4–4.	Shoe and drum-type brake	43
4–5.	Expander block-type brake	43
4–6.	Disc brake inspection points	43
4–7.	Wheel and brake inspection points	44
4–8.	Hydraulic brake line checkpoints	44
4–9.	Simple master cylinder brake systems	44
4–10.	Cockpit-hydraulic brake line checkpoints	44
4–11.	Wheel checkpoints	45
4–12.	Inspection chart-fixed landing gear	45
4–13.	Fixed nose gear checkpoints	46
4–14.	Oleo-type landing gear checkpoints	46
4–15.	Steerable tailwheel inspection points	47
4–16.	Inspection chart-retractable landing gear	48
4–17.	Retractable main gear checkpoints	47
4–18.	Landing gear retracting	49
4–19.	Retractable nose gear checkpoints	50
4–20.	Retracting mechanism checkpoints	50
4–21.	Typical electrical retraction installation	50
4–22.	Electrical retracting motor and wiring	51
4–23.	Warning microswitch installation	51
4–24.	Gear attachment structure checkpoints	51
4–25.	Float installation inspection points	51
4–26.	Ski installation inspection points	52
Section 5.		
5–1.	Inspection chart-wing-center section	53
5–2.	Indication of defective fabric	54
5–3.	Wood structure inspection points	54
5–4.	Metal structure inspection points	55
5–5.	Lighting damage-flap, lower surface	56
5–6.	Control bellcrank checkpoints	55
5–7.	Fuel tank vent	57
5–8.	Fuel cap, vent, and placard	57
5–9.	Pitot mast, airspeed	58
5–10.	Electrical wiring, proper routing	58
5–11.	Satisfactory leading edge of wing	58
5–12.	Dented leading edge of wing	59
5–13.	Damaged landing light lens	60
5–14.	Deicer boot damage	60
5–15.	Block type gust lock	60

Figure *Page*

Section 6.

6–1. Inspection chart—empennage ---- 61
6–2. Oilcanning of metal skin ---- 62
6–3. External bracing checkpoints ---- 63
6–4. Rudder checkpoints ---- 63
6–5. Rudder quadrant ---- 64
6–6. Stabilizer adjuster checkpoints ---- 65
6–7. Position light checkpoints ---- 65

Section 7.

7–1. Inspection chart—propeller ---- 66
7–2. Damaged metal blade ---- 66
7–3. Three-blade propeller checkpoints ---- 67
7–4. Propeller tip damage ---- 68
7–5. Wood propeller blade—cracked and separated lamination ---- 68
7–6. Propeller governor checkpoints ---- 69
7–7. Propeller spinner checkpoints ---- 69
7–8. Propeller liquid anti-icing system checkpoints ---- 70
7–9. Propeller electrical deicing system checkpoints ---- 70

Section 8.

8–1. Inspection chart—radio ---- 71
8–2. Communication/navigation equipment installation checkpoints ---- 71
8–3. Bonding radio equipment to shock mount ---- 72
8–4. Communication/navigation equipment shock mount ---- 72
8–5. Typical communication/navigation equipment control ---- 72
8–6. Antenna installations checkpoints ---- 73
8–7. ADF antenna—internal loop-tail mount ---- 73
8–8. ADF antenna—fixed loop ---- 73
8–9. Bonding wires and trailing edge static wicks ---- 74

Section 9.

9–1. Rotating beacon installation ---- 75
9–2. Autopilot control panel ---- 75
9–3. Emergency locator transmitter—remote mount ---- 75
9–4. Emergency locator transmitter—portable mount ---- 76

Section 10.

10–1. Inspection chart—preflight ---- 77

Section 11.

11–1. Bird's nest ---- 80