

AL 22

FLIGHT SERVICING SCHEDULE
HUNTER ALL MARKS
TURN ROUND SERVICING

AP 1018-1300 - 5B1
1st Edition
Section 2

	List of Contents	Card Nos	No of Cards
▶ Man A/Film		1 - 6	6
Man B/Film		1 - 2	2
Man C/Weapons		1 - 2	2

List of Chapters (Trade)

Chapter 1 Airframe ..	Nil	Nil
Chapter 2 Weapons ...	Nil	Nil
Chapter 3 Electrical ...	Nil	Nil
Chapter 4 Propulsion ...	Nil	Nil
Chapter 6 Flt Syst ..	Nil	Nil
Chapter 7 Air Radar .	Nil	Nil
Chapter 8 Air Comms .	Nil	Nil
Chapter 9 Photographic ...	1	1

List of Contents (Trade)

	Man A Cards	Man B Cards	Man C Cards	Chap/ Cards
▶ Airframe	1 - 6	Nil	Nil	Nil
Weapons	Nil	Nil	1 - 3	Nil
Electrical	1-2,4	1 - 2	Nil	Nil
Propulsion	Nil	1 - 2	Nil	Nil
Flt Syst	Nil	Nil	Nil	Nil
Air Radar	Nil	Nil	Nil	Nil
Air Comms	Nil	Nil	Nil	Nil
Photographic	Nil	Nil	Nil	1

5-A/87/6/7

Man A
Card 1
AL 22

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Section 2

Safety and Servicing Notes are to be complied with
throughout the work detailed on this card.

AIRFRAME

Cockpit

011701	Brake parachute selector switches.	Ensure set to "OFF".	ALL
011801	Arreser gear selector switches. (If fitted).	Ensure set to "OFF".	ALL
015904	Anti-G air bottles.	Replenish. (138 bar). (2000 lbf/in2).	ALL
016707	Oxygen regulator. emergency toggle switches.	Ensure central	ALL
016710	Oxygen regulator ON/OFF cock.	(i) Ensure at "ON" position. (ii) Ensure restraint wire intact.	ALL
016701	Main oxygen system.	Check contents. (5A2 Sect 2).	ALL
011301	Aileron system.) Ensure pressure exhausted.	ALL
011302	Elevator system.		
010212	Windscreen.	(i) Ensure clean.	ALL
010213	Canopy.	(ii) Look for damage.	

ELECTRICAL

Cockpit

036602	Accelerometer.	(i) Observe reading. (Ensure between +7G and -3.75G). (ii) Reset.	ALL
036101	External and internal lighting.	Operate. (If night flying intended).	ALL

SMA/84/6/2

Man A
Card 2
AL 22

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ELECTRICAL

Cockpit

- | | | | |
|--------|------------------------------|---|-----|
| 031702 | Brake parachute test switch. | (i) Operate.
(ii) Ensure lamps on coaming illuminated.
(2 off).
(iii) Release. | ALL |
|--------|------------------------------|---|-----|

AIRFRAME

General

- | | | | |
|--------|--|---|-----|
| 010101 | External areas. | Look for obvious damage and signs of leaks. | ALL |
| 015201 | Drop tanks.
(100 gallon).
(If fitted). | Ensure secure.
(Tank empty). | ALL |

AIRFRAME

Nose Undercarriage Compartment

- | | | | |
|--------|-----------------------------------|--|-----|
| 013012 | Front door. | Look for obvious damage. | ALL |
| 013021 | Rear door. | (i) Look for obvious damage.
(ii) Ensure secure. | ALL |
| 010204 | Nose undercarriage compartment. | Look for obvious damage. | ALL |
| 013001 | Undercarriage assembly structure. | Look for obvious damage.. | ALL |
| 013009 | Shock absorber strut. | (i) Look for signs of leaks.
(ii) Ensure extension normal.
(3.4 in min). | ALL |
| 013025 | Nosewheel. | Look for obvious damage. | ALL |
| 013026 | Tyre. | Examine. | |

SMA/24/6/8A

SMS 10A

Man A
Card 3
AL 22

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AIRFRAME

Front Fuselage

010227	Hood external emergency release perspex window.	(i) Ensure secure. (ii) Examine and particularly for cracks.	ALL
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AIRFRAME

Port Undercarriage Compartment

010623	Structure.	Look for obvious damage.	ALL
012801	Undercarriage assembly structure.	Look for obvious damage.	ALL
012831	Rear main pivot pin.	Look for cracks..	ALL
012812	Shock absorber strut.	(i) Look for signs of leaks. (ii) Ensure extension is normal.	ALL
999999	Wheel door.	Raise by hand.	ALL
012815	Stop.	Ensure secure.	ALL
013124	Wheel door stop trunnion special screw.	Ensure secure.	ALL
999999	Wheel door.	Lower.	ALL
012829	Mainwheel.	Look for damage.	ALL
012830	Tyre.	Examine.	ALL
013205	Brake operating cylinders.	Look for signs of leaks and obvious damage.	ALL
013206	Friction plates.	Examine.	ALL
013207	Brake pads.	Check for wear. (1/8 in min).	ALL
013208	Wheel brakes.	Adjust.	ALL

SMA/99/6/9

SWS 10

Man A
Card 4
AL 22

FLIGHT SERVICING SCHEDULE
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AIRFRAME

Port Mainplane

015201	Drop tanks. (100 gallon). (If fitted).	Look for signs of leaks and obvious damage.	ALL
016801	Pressure head.	Look for obvious damage.	ALL

AIRFRAME

Tail Unit

011361	Elevator accumulator.	Check air pressure. (1575 lbf/in ²).	ALL
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Rear Fuselage

Item 131701 is applicable only if brake parachute has been streamed.

131701	Brake parachute.	Replenish. (5A2 Sect 2).	ALL
011712	Brake parachute door lock indicator pins.	Ensure correctly locked.	ALL

AIRFRAME

Starboard Mainplane

015201	Drop tanks. (100 gallons). (If fitted).	Look for signs of leaks and obvious damage.	ALL
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ELECTRICAL

Front Fuselage

037301	Airstream Director Detector probe.	(i) Look for damage. (ii) Ensure free to rotate.	ALL
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SMA/Sq/6/9A

SMS 10A

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5mK/59/6/10

Man A
Card 6
AL 22

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AIRFRAME

Front Fuselage

010201	Skin.	Remove soot deposits. (After firing).	ALL
010210	Blast tubes.	Look for cracks at Welds. (After gun firing).	ALL

SMS 10A

SMA/59/6/10A

Man B
Card 1
AL 21

FLIGHT SERVICING SCHEDULE
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PROPULSION

Centre Fuselage

043804	ECU combined overboard fuel drain.	Ensure fuel was ejected on engine run down.	ALL
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PROPULSION

General

045201	Aircraft fuel system.	(i) Look for leaks. (Aircraft externally). (ii) Replenish to amount detailed by NCO IC Flight. (5A2 Sect 2).	ALL
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PROPULSION

Centre Fuselage

045501	Extinguisher bottle discharge indicator. (1 Off).	Ensure not protruding.	ALL
044214	BTH turbo starter breeches.	Replenish.	ALL
044002	Engine oil sump.	Check contents.	ALL
044402	Auxiliary gearbox.	Check contents.	ALL
040305	Engine access panels.	(i) Look for damage. (ii) Ensure secure.	ALL
040306	Engine bleed valve ducting & louvres.	(i) Look for damage. (ii) Ensure unobstructed.	ALL

PROPULSION

Port Air Intake

040301	Main air intake.	Look for damage without entering intake.	ALL
040304	Boundary bleed spacers.	Ensure secure.	ALL
043805	Intake guide vanes.	Look for damage without entering intake.	ALL
043806	Compressor blades.	Look for damage without entering intake.	ALL

Man B
Card 2
AL 21

FLIGHT SERVICING SCHEDULE
HUNTER ALL MARKS
TURN ROUND SERVICING

AP101B-1300-SB1
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Section 2

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PROPULSION

Rear Fuselage

043812	LP turbine blades.	Look for damage without entering jet pipe.	ALL
043905	Jet pipe thermocouple.	Look for damage.	ALL

PROPULSION

Starboard Air Intake

040301	Main air intake.	Look for damage without entering intake.	ALL
040304	Boundary bleed spacers.	Ensure secure.	ALL
043805	Intake guide vanes.	Look for damage without entering intake.	ALL
043806	Compressor blades.	Look for damage without entering intake.	ALL

ELECTRICAL

Centre Fuselage

030104	Fatigue meter.	Record readings.	ALL
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SMS 10A

Man C
Card 1
AL 21

FLIGHT SERVICING SCHEDULE
HUNTER ALL MARKS
TURN ROUND SERVICING

AP101B-1300-SB1
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Section 2

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WEAPONS

Cockpit

026201 Weapons system. Ensure set to 'SAFE'. ALL

WEAPONS

Ejection Seat(s)

999999	Seat pan.	Raise to highest position.	ALL
999999	Neg-G strap.	(i) Lengthen. (ii) Ensure laid back to top of PSP and not passed through seat pan firing handle.	ALL
999999	Parachute harness straps.	(i) Lengthen. (ii) Ensure not tangled. (iii) Ensure routed correctly.	ALL ALL
020823	Emergency oxygen system upper rubber tubing.	(i) Carefully extend and ensure by feel, internal thread intact. (ii) Extend spring and examine particularly for cracking adjacent to quick release connection at lower end. (iii) Examine and particularly for cracking including upper end connection.	ALL ALL
020824	Emergency oxygen system upper rubber tubing sealing washer.	Ensure present.	ALL
020822	Emergency oxygen bottle tell-tale wire.	Ensure intact.	ALL
130803	Personal survival pack. (2 off)	(i) Ensure fitted correctly. (ii) Ensure length of lowering line protruding does not exceed 6 inches.	ALL
130808	Harness quick release fitting.	Ensure in 'LOCKED' position.	ALL
020815	Anti 'G' tube blanking plug.	Ensure secure.	ALL

Man C
Card 2
AL 21

FLIGHT SERVICING SCHEDULE
HUNTER ALL MARKS
TURN ROUND SERVICING

AP101B-1300-5A2
1st Edition
Section 2

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WEAPONS

Ejection Seats (Cont'd)

020828	Manual separation handles.	Ensure locked down.	ALL
020830	Seat raising handle.	Ensure level with seat pan rim.	ALL

WEAPONS

Port Mainplane

029302	EMRU No 1 Mk 1.	Ensure correctly cocked.	ALL
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WEAPONS

Rear Fuselage

021701	Tail parachute release unit.	Ensure correctly cocked.	ALL
021801	Arrester gear EMRU.	Ensure correctly cocked.	7A & 8B

Starboard Mainplane

029302	EMRU No 1 Mk 1.	Ensure correctly cocked.	ALL
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Safety and servicing notes are to be complied with throughout the work detailed on this card.

AIRFRAME

Cockpit.

- 010803 Canopy rail lock indicators
(White headed shackle pins). Ensure aligned with
'Locked' indicators.

AIRFRAME

Aircraft General.

- 010105 Link collector blisters
(If fitted). Ensure secure.
- 015204 230 gal. drop tank.
(If fitted). Ensure secure, (tank
empty).
Look for signs of leaks
and obvious damage.
- 015205 230 gal. drop tank
bracing strut. (If fitted). Ensure secure.

WEAPONS

Ejection Seat.

- 130807 Manual override and rip cord
handles, safety ties. Ensure intact.
- 020820 Lap straps. Ensure at least 6" of
free strap protruding
from end of buckle.
- 020833 Parashute pack restraining
straps (2 off). Ensure correctly engaged
in pack container clips.
- 020818 Firing cable thread tie.
(3H seat only). Ensure intact.

WEAPONS

Port and Stbd. Mainplanes.

- 029305 ERU pylons. Look for obvious damage.

ELECTRICAL

Cockpit.

- 046001 Fuel tank selector switches. Ensure locked in 'AUTO'.

PROPULSION

Port and Stbd. Air Intakes.

- 040302 Secondary air intakes. Check springs for damage.

Safety and servicing notes are to be complied with throughout the work detailed on this card.

PROPULSION

Aircraft General.

I.P.N.

Replenish.

PROPULSION

Fuel system.

045210 Fuel system recuperator bags test.

Battery master switch

Set to 'ON'.

Engine master switch

Set to 'ON'.

Booster pump

Switch 'ON'.

Main fuel vent pipe

Look for leaks.

Booster pump

Switch 'OFF'.

Engine master switch

Switch 'OFF'.

Battery master switch

Switch 'OFF'.

PROPULSION

Centre Fuselage.

045501 Extinguisher bottles discharge indicators (2 off).

Ensure not protruding.

Card 1 of 1

FLIGHT SERVICING SCHEDULE
HUNTER T Mk 7
A&A.E.E. SUPPLEMENTARY SERVICING
TURN ROUND SERVICING

101B-1300-531
Section 2
Oct. 1989

Safety and servicing notes are to be complied with throughout the work detailed on this card.

Sept. 1989

WEAPONS

Procedure after spinning or if drop tank is loose after flight.

- (a) Ensure drop tanks are empty.
- (b) Place trolley under tank.
- (c) Re-torque tank.
- (d) 029302 EMRU No. 1 Mk. 1 - Ensure correctly cocked.

Chap 9 PHOTOGRAPHIC
Card 1
AL 21

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MARK

PHOTOGRAPHIC INSTALLATION (IF FITTED)

Cockpit

099401 GGS recorder.
(If fitted).

(i) Operate/Unload.
(Annex 7).

7

(ii) Load/Operate.
(If required).
(Annex 4).

099402 GGS recorder cable.
(If fitted).

Stow.

Front Fuselage

099403 G90 camera.
(If fitted for use).

(i) Operate/Unload.
(Annex 5).

ALL

(ii) Load/operate.
(If required). (Annex 8)

ALL

099405 G90 optical flat.
(If camera fitted
for use).

(i) Clean.

ALL

(ii) Look for obvious damage.

SMS 10

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