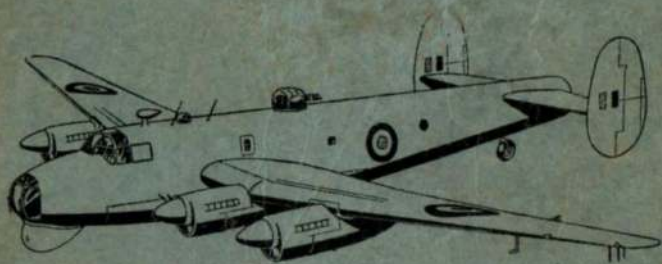


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1st EDITION

A.P. 4267A—P.N.

PILOT'S NOTES
FOR
SHACKLETON
M.R. MK. I



PREPARED BY DIRECTION OF THE MINISTER OF SUPPLY

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PROMULGATED BY ORDER OF THE AIR COUNCIL

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AMENDMENTS

Amendment lists will be issued as necessary and will be gummed for affixing to the inside back cover of these notes.

Each amendment list will, where applicable, be accompanied by gummed slips for sticking in the appropriate places in the text.

Incorporation of an amendment list must be certified by inserting date of incorporation and initials below.

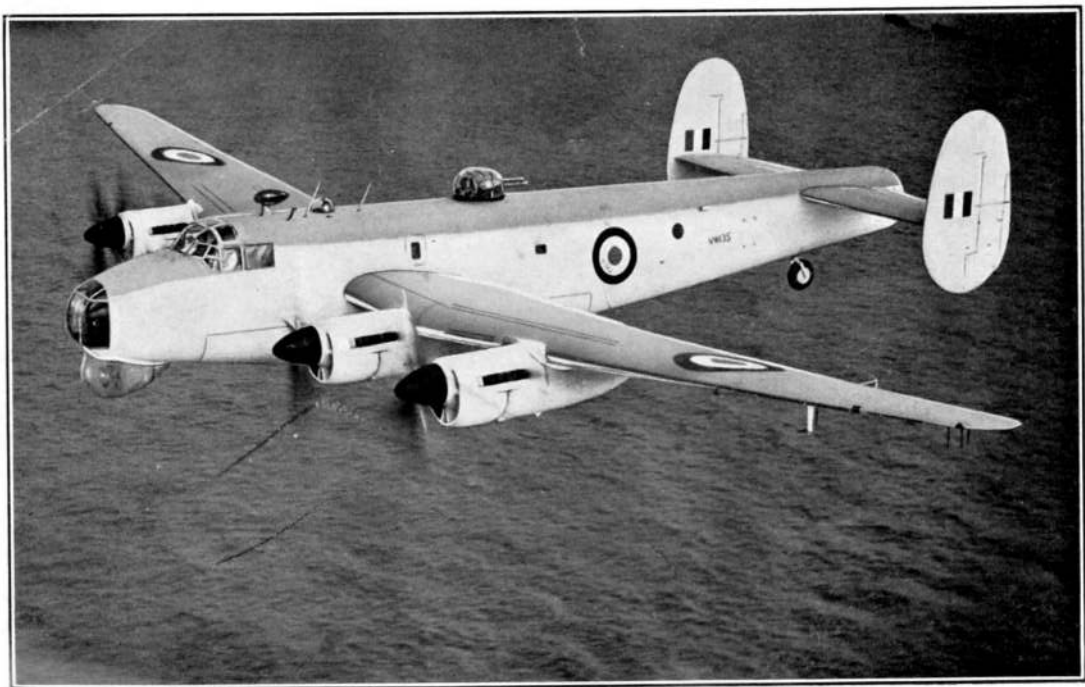
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1			7		
2			8		
3			9		
4			10		
5			11		
6			12		

NOTES TO USERS

THESE Notes are complementary to A.P. 2095 Pilot's Notes General and assume a thorough knowledge of its contents. All pilots should be in possession of a copy of A.P. 2095 (See A.M.O. A718/48).

Additional copies may be obtained by the station publications officer by application on form 294A in duplicate, to Command Headquarters for onward transmission to A.P.F.S. (see A.P. 113). The number of the publication must be quoted in full—A.P. 4267A—P.N.

Comments and suggestions should be forwarded through the usual channels to the Air Ministry (T.F.2).



SHACKLETON M.R. Mk. 1

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Fig.

SHACKLETON M.R. Mk. 1

PILOT'S CHECK LIST.

(Excluding Items of Operational Equipment.)

ITEM	CHECK	ITEM	CHECK
The second pilot should enter the aircraft and check:—		9. Port mainplane.	Condition of flap. Condition of aileron. Trimming tab control. Condition of surfaces. All inspection panels secure. Pressure-head cover removed.
1. Under-carriage selector buttons.	DOWN button in. UP button out.		
2. Ignition switches.	OFF.		
3. Trimmer controls.	All set neutral.		
4. Internal control locks.	Removed.	10. No. 1 engine.	Cowlings secure. Free from oil and coolant leaks.
The Captain and Flight Engineer then carry out the following checks, starting at the entrance door and working clockwise round the aircraft.			
External checks:			
5. Starboard rudder and elevator.	External locks removed. Trimming tabs secure and central. Spring and balance tabs for security and correct movement.	11. Port under-carriage.	Doors secure. Jury strut removed. Tyre for cuts and creep. Correct extension of oleo. Priming pump screwed down. Priming cock NORMAL.
6. Tail wheel.	Correct extension of oleo. Tyre for cuts and creep.	12. No. 2 engine.	Cowlings secure. Free from oil and coolant leaks.
7. Port rudder and elevator.	External locks removed. Trimming tabs secure and central. Spring and balance tabs for security and correct movement.	13. Nose.	Condition of radome. Parachute exit secure.
8. Port fuselage.	Static vent plug removed.	14. No. 3 engine.	Cowlings secure. Free from oil and coolant leaks.
		15. Starboard under-carriage.	Doors secure. Jury strut removed. Tyre for cuts and creep. Correct extension of oleo. Priming pump screwed down. Priming cock NORMAL.

ITEM	CHECK	CHECK	ITEM	ITEM	CHECK	ITEM	CHECK
16. No. 4 engine.	Cowlings secure. Free from oil and coolant leaks.	30. Mid-upper turret.	Locked central.	45. Super-charger control switch.	M.S.	61. Inverter emergency switches.	Normal.
17. Starboard mainplane.	Condition of flap. Condition of aileron. Trimming tab central. Condition of surfaces. All inspection panels secure. Pressure-head cover removed.	31. Auxiliary fuel tank cock.	Off.	46. Air-intake filter switch.	Clean.	62. Fuel tanks selector cocks.	Off.
18. Bomb bay.	Emergency air gauges—Pressure 1,800 lb./sq. in. (on each).	32. Crossfeed cock.	Off.	47. Landing lamp switch.	Off. (Both pilots.)	63. Super-charger warning lights.	Out.
19. Starboard fuselage.	Static vent plug removed.	33. Ground/flight switch.	FLIGHT. Check voltage. Then to GROUND and external battery switched on.	48. Taxiing lamp switch.	Off. (Both pilots.)	64. Power failure warning lights.	On.
	Internal checks.	34. Oxygen.	Contents and flow.	49. G.I.VB compass.	Off.	65. Fuel gauges.	Check contents.
20. Entrance door.	Secured; handle pulled in.	35. Forward parachute exit.	Secure.	50. Radio altimeter.	Off.	66. Fuel flow-meters.	Set to zero.
21. Ladder.	Stowed.	With the crew in their normal positions, carry out the following cockpit checks.		51. Ignition switches.	Off.	67. Vacuum change-over cock.	Normal.
22. Covers and safety equipment.	Correctly stowed.	36. Intercomm.	On and check.	52. Feathering buttons.	Out.	68. Air mileage unit.	Set to zero.
23. First-aid packs.	Correctly stowed.	37. Flying controls.	Full and correct movement.	53. Pressure-head heater switches.	Off.	69. Pneumatic pressure.	Minimum 150 lb./sq. in.
24. Axes.	Correctly stowed.	38. Trimmer controls.	Full and correct movement.	54. External lights master switch.	As required.	70. Emergency air selectors.	All off (up).
25. Fire-extinguishers.	Correctly stowed.	39. R.p.m. controls.	Maximum R.P.M.	55. Navigation and downward identification lights.	As required.	71. Emergency air pressure gauge.	1,800 lb./sq. in.
26. Dinghy release handles.	In.	40. Throttles.	Closed.	56. Pilots' ditching exits.	Secured.	72. Fuel pressure warning lights.	On:
27. Flare launching control.	Switches off.	41. Flap selector and gauge.	Flap position corresponds with that selected.	57. Automatic pilot.	Switches off.	73. Fuel booster pumps.	Off. Check with ammeter if carried.
28. All side fuselage hatches.	Secured.	42. Under-carriage indicator.	Green lights on. Check lamp changeover.	Checks at Flight Engineer's Station.		74. Radiator shutter controls.	Open.
29. Cabin heaters.	Off.	43. Windscreen de-icing.	Off. (Both pilots.)	58. Propeller de-icing switches.	Off. Check tank contents.	75. Charge temperature controls.	COLD.
		44. Windscreen wiper.	Off. (Both pilots.)	59. Aerofoil de-icing switches.	Off. Check tank contents.	76. Auxiliary tank switch.	Off.
				60. Under-carriage test switch.	Press. Check starboard red indicator light comes on.		

ITEM	CHECK
77. Cabin heaters fuel supply switch.	Off.
78. Oil dilution switches.	Off.
79. Generator field circuit breakers.	Out.
80. Electric power panel.	All circuit breakers in.
Start engines (see para. 57). Checks while warming up :—	
81. Hydraulics.	Operation of flaps. Close bomb doors.
82. G.IVB compass.	Set and check with P.10.
83. V.H.F.	Switch on and check.
84. Vacuum pumps.	Suction on both positions of changeover cock.
85. Pneumatic pressure.	Increasing if there is less than 1,000 lb. in either bottle.
86. Charge temperature control.	COLD.
Run-up the engines (see para. 58).	
87. Fuel flow-meters.	Operation.
88. Altimeter.	Check setting.
89. Taxiing.	Test brakes. Flight instruments for correct functioning. Pressure head heaters ON if required.

ITEM	CHECK
Checks before take-off.	
90. Trim.	All neutral.
91. Superchargers.	Low gear. High gear (with water/methanol).
92. Air-intake filter switch.	Clean.
93. Charge temperature controls.	Cold.
94. Temperatures and pressures.	Normal.
95. R.p.m. control levers.	Max. r.p.m. position, friction lever tightened.
96. Fuel.	Tanks selected as required. Contents. Master cocks ON. Booster pumps ON.
97. Flaps.	TAKE-OFF.
98. Bomb doors.	CLOSED.
99. Auto-pilot.	Switched off.
100. G.IVB compass.	Correct operation.
101. Generators.	ON when opening up on runway.
102. Radiator shutters.	AUTO.
103. Hatches.	Closed.
104. Harness.	Adjusted and locked.

ITEM	CHECK
Checks before landing :—	
When entering the circuit :—	
105. Auto Pilot.	OFF.
106. Superchargers.	Low gear.
107. Air-intake filter control.	CLEAN.
108. Charge temperature control.	COLD.
109. Fuel.	Contents Booster pumps on.
Reduce speed to 150 knots and check :—	
110. R.p.m. control levers.	2,200. 2,600 on final.
111. Flaps.	At TAKE-OFF. DOWN on final.
112. Under-carriage.	DOWN and locked.
113. Pneumatic supply.	Pressure sufficient.
114. Harness.	Locked.
Checks after landing :—	
115. Flaps.	Up.
116. Radiator shutters.	Open.
117. Charge temperature controls.	COLD.

ITEM	CHECK
118. R.p.m. control levers.	Max. r.p.m. position.
119. Booster pumps.	Off.
120. Pressure-head heaters.	Off or as required.
121. Generators.	Off.
122. Brake pressure.	Sufficient for taxiing.
Stop the engines (see para. 71). Checks after stopping the engines :—	
123. Ignition switches.	Off.
124. Master fuel cocks.	Off.
125. Fuel tank cocks.	Off.
126. Intercomm. and V.H.F.	Off.
127. Air-intake filter control.	NORMAL.
128. G.IVB compass.	Off.
129. Chocks.	In position.
130. Brakes.	Off.
131. Flying controls.	Locked if necessary.
132. Ground/Flight switch.	Ground.
133. Static vents.	Plugs in.
134. Pressure heads.	Cover on.



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pressure breathing
mask

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