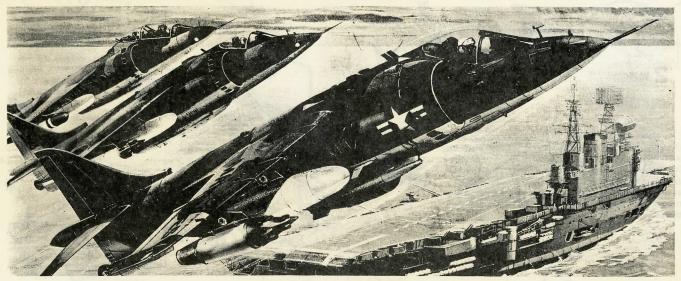
HAWKER HARRIER GR-1

MINICRAFT MODELS, INC. 1510 W 228TH STREET TORRANCE, CALIFORNIA 90501



SCALE SCA

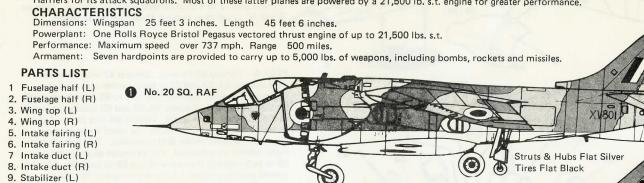


The British-built Hawker-Siddeley Harrier is one of the most unusual combat aircraft in service today. With its ability to rise straight up from a field only slightly larger than the plane itself and flash away at near-sonic speed, the Harrier combines the unique qualities of a helicopter with those of the latest jet fighters.

The secret of the Harrier's unusual abilities is a single 19,000 lb. s.t. Bristol Pegasus vectored—thrust engine. Exhaust gases from the engine are directed through four swiveling nozzles. When aimed downward, the force of the jet blast is great enough to lift the 16,000 lb. fighter vertically. At greater weights the Harrier can take-off forward as a normal aircraft.

Because the Harrier can actually stand still in the air even fly rearwards, new tactics have been developed for the radical fighter. In combat the Harrier has several advantages over conventional types. One of the most important of these is its ability to change its direction without warning, which would certainly frustrate an attacking enemy tailing the nimble Harrier.

Harriers began flying with the Royal Air Force in April 1969. In January 1971 the U.S. Marine Corps received the first of 90 AV-8A Harriers for its attack squadrons. Most of these latter planes are powered by a 21,500 lb. s.t. engine for greater performance.



o. Intake fairing (R)
Intake duct (L)
Intake duct (R)
Stabilizer (L)
Stabilizer (R)
It Wing bottom (R)
Wing bottom (R)
Wing tank half (2)
Wing tank half (2)
Side fairing (L)
Side fairing (R)
Recon pod half
Recon pod half
Aden gun pod (L)
Aden gun pod (R)
Radome
Aden gun barrel (2)
Rocket pod half (2)

No. 3 SQ. RAF

23. Rocket pod half (2)24. Rocket pod half (2)

25. Bomb half26. Bomb half27 Forward exhaust swivel (2)

28. Aft exhaust swivel (2)
29. Seat

30. Pilot31 Exhaust deflector (2)

32. Scoop (2) 33. Antenna

34. Retracted outrigger (L) 35. Retracted outrigger (R)

36. Outrigger (2)37 Forward exhaust half (L)38. Forward exhaust half (L)

39. Forward exhaust half (R) 40. Forward exhaust half (R)

41 Aft exhaust half (L) 42. Aft exhaust half (L)

42. Aft exhaust half (L) 57 Bomb rack 43. Aft exhaust half (R) 58. Outrigger door (2)

Green

Light

44. Aft exhaust half (R) 59. Strake (2) 45. Rocket pod nose (2) 60. Pitot tube 46. Fan 61 Speed brake

VMA 513 FLYING
NIGHTMARES

Sea Green
FS34079

Sea Gray
FS36293

Light Gray
FS36440

Bomb rack
Outrigger door (2)

are directed through four swiveling nozzles. When aimed downward, the force of the jet blast is great enough to lift the 16,000 lb. fighter vertically. At greater weights the Harrier can take-off forward as a normal aircraft. Because the Harrier can actually stand still in the air even fly rearwards, new tactics have been developed for the radical fighter. In combat the Harrier has several advantages over conventional types. One of the most important of these is its ability to change its direction without warning, which would certainly frustrate an attacking enemy tailing the nimble Harrier Harriers began flying with the Royal Air Force in April 1969. In January 1971 the U.S. Marine Corps received the first of 90 AV-8A Harriers for its attack squadrons. Most of these latter planes are powered by a 21,500 lb. s.t. engine for greater performance. CHARACTERISTICS Dimensions: Wingspan 25 feet 3 inches. Length 45 feet 6 inches. Powerplant: One Rolls Royce Bristol Pegasus vectored thrust engine of up to 21,500 lbs. s.t. Performance: Maximum speed over 737 mph. Range 500 miles. Armament: Seven hardpoints are provided to carry up to 5,000 lbs. of weapons, including bombs, rockets and missiles. **PARTS LIST** Fuselage half (L)
 Fuselage half (R) 1 No. 20 SQ. RAF 3. Wing top (L) 4. Wing top (R) 5. Intake fairing (L) 6. Intake fairing (R) 7. Intake duct (L) Struts & Hubs Flat Silver 8. Intake duct (R) Tires Flat Black 9. Stabilizer (L)
10. Stabilizer (R) Wing bottom (L) 12. Wing bottom (R) No. 3 SQ. RAF 13. Wing tank half (2) 14. Wing tank half (2) 15. Side fairing (L) 16. Side fairing (R) 17 Recon pod half 18. Recon pod half 19. Aden gun pod (L) 20. Aden gun pod (R) VMA-513 Radome 22. Aden gun barrel (2) MARINES 23. Rocket pod half (2) VMA 513 FLYING 24. Rocket pod half (2) **NIGHTMARES** 25. Bomb half 26. Bomb half 27 Forward exhaust swivel (2) 28. Aft exhaust swivel (2) 29. Seat AV-8A 30. Pilot 158389 Exhaust deflector (2) 32. Scoop (2) 33. Antenna Sea Green 34. Retracted outrigger (L) FS34079 35. Retracted outrigger (R) 0 36. Outrigger (2) Sea Gray 37 Forward exhaust half (L) FS36293 Red 38. Forward exhaust half (L) Light Light Gray 39. Forward exhaust half (R) FS36440 40. Forward exhaust half (R) 41 Aft exhaust half (L)

VX 10 8

6

X V OI

55. Main door (R) 56. Antenna Printed in U.S.A.

42. Aft exhaust half (L)

43. Aft exhaust half (R)

44. Aft exhaust half (R)

45. Rocket pod nose (2)

46. Fan

47 Nose gear

48. Bomb (4)

51 Tail cone

49. Main wheel (2)

50. Small scoop (2)

52. Nose door (R)

53. Nose door (L)

54. Main door (L)

57 Bomb rack

59. Strake (2)

60. Pitot tube

63. Nose door

65. Main strut

68. Pylon (2)

69. Pylon (2)

64. Actuator

67

58. Outrigger door (2)

Speed brake

62. Main gear door

66. Brake well filler

Bomb pylon

70. Instrument panel

Clear canopy

Green

Light

11

21

31

