

No. 28

# CHALLENGE

GDW's Magazine of Adventure Gaming

*For Twilight: 2000—  
Air Module II  
by Frank Frey*

*For Traveller—  
Across the Imperium  
by Gary Thomas*

*For Traveller: 2300—  
The Near Star List and Map  
by Marc W. Miller*



***Incorporating the Journal of the Traveller's Aid Society***

# ACADEMY OF ADVENTURE GAMING ARTS & DESIGN OFFICIAL ORIGINS AWARDS NOMINATION BALLOT

For the year 1986, to be presented at Origins '87, July 2-5, 1987, in Baltimore, MD  
(for information about Origins '87, write P O Box 15405, Baltimore, MD 21230)

The Origins Awards, presented at Origins each year, are an international series of awards aimed at recognizing outstanding achievements in Adventure Gaming. The awards are comprised of the Charles Roberts Awards for boardgaming, and the H. G. Wells Awards for miniatures and role-playing games. An Awards Committee of hobbyists (some professionals, but primarily independents) directs and administers the awards system.

**INSTRUCTIONS.** Read carefully. Print legibly or type nominations. Ballots that are messy, not completed correctly, or show attempts at ballot stuffing will not be counted. You may list three nominees per category. It does not matter in what order you list them. To keep the voting as meaningful as possible, do not list selections in unfamiliar categories. **YOU MUST SIGN THE BALLOT!** Include your address. You may vote only once. Nominations should be for products released during the calendar year 1986. Miniatures figure series nominations should be for new product lines or lines which were substantially expanded in 1986.

This ballot may be reproduced and circulated by any means available, provided its contents are faithfully copied. ALL Adventure Gamers are encouraged to vote! YOUR VOTE makes a difference! A final ballot is prepared by the committee and voted on by the members of the Academy of Adventure Gaming Arts & Design. Academy membership, \$3.00 per year, is open to active, accomplished hobbyists, both professional and amateur. Membership guidelines are available for a SASE from the addresses given below. Correspondence should be mailed to the U S address. Present members may renew by sending their check with their ballot. Checks should be made payable to GAMA for \$3 U.S. The Academy and the Awards Committee as well as the Origins Convention itself, function under the authority of GAMA, the Game Manufacturers Association.

**DEADLINE: MAY 2, 1987**

## THE H. G. WELLS AWARDS FOR OUTSTANDING ACHIEVEMENT IN MINIATURES AND ROLE-PLAYING GAMES

1. Best Historical Figure Series, 1986

\_\_\_\_\_

\_\_\_\_\_

2. Best Fantasy/ Science Fiction Figure Series, 1986

\_\_\_\_\_

\_\_\_\_\_

3. Best Vehicular/ Accessory Series, 1986

\_\_\_\_\_

\_\_\_\_\_

4. Best Miniatures Rules, 1986

\_\_\_\_\_

\_\_\_\_\_

5. Best Role-Playing Rules, 1986

\_\_\_\_\_

\_\_\_\_\_

6. Best Role-Playing Adventure, 1986

\_\_\_\_\_

\_\_\_\_\_

7. Best Role-Playing Supplement, 1986

\_\_\_\_\_

\_\_\_\_\_

8. Best Professional Role-Playing Magazine, 1986

\_\_\_\_\_

\_\_\_\_\_

9. Best Professional Miniatures Magazine, 1986

\_\_\_\_\_

\_\_\_\_\_

10. Best Play-By-Mail Game, 1986

\_\_\_\_\_

\_\_\_\_\_

## THE CHARLES ROBERTS AWARDS FOR OUTSTANDING ACHIEVEMENT IN BOARDGAMING

11. Best Pre-20th Century Game, 1986

\_\_\_\_\_

\_\_\_\_\_

12. Best 20th Century Game, 1986

\_\_\_\_\_

\_\_\_\_\_

13. Best Fantasy/Science Fiction Game, 1986

\_\_\_\_\_

\_\_\_\_\_

14. Best Professional Boardgame Magazine, 1986

\_\_\_\_\_

\_\_\_\_\_

15. Best Military/Strategy Computer Game, 1986

\_\_\_\_\_

\_\_\_\_\_

16. Best Fantasy/ Science Fiction Computer Game, 1986

\_\_\_\_\_

\_\_\_\_\_

17. Best Screen Graphics in a Computer Game, 1986  
(Given a particular computer's limitations)

\_\_\_\_\_

\_\_\_\_\_

18. Best Amateur Adventure Gaming Magazine, 1986

\_\_\_\_\_

\_\_\_\_\_

19. Best Graphic Presentation, 1986

\_\_\_\_\_

\_\_\_\_\_

20. Hall of Fame, 1986

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

Signature \_\_\_\_\_

Send your ballot to only one of the following addresses by the deadline, May 2, 1987.

Awards  
GAMA  
P O Box 2712  
Fairfax, VA 22031

Australia & New Zealand  
Awards, Adrian Pett  
Breakout Magazine  
P O Box 162  
Mooroolbark, Vic 3138  
Australia

# CHALLENGE

GDW's Magazine of Adventure Gaming

Managing Editor  
Loren K. Wiseman

Associate Editor  
Timothy B. Brown

Spiritual Advisor  
Marc W. Miller

Art Director  
Barbie Pratt

Publisher  
Game Designers' Workshop

Artists in this issue: *Tim Bradstreet*: pp. 6, 10, 11, 24, 25; *D.J. Barr*: pp. 26, 27, 29; *Liz Danforth*: pp. 31, 34; *Laura Franz*: p. 3; *Tom Peters*: pp. 17, 18, 20, 21; *Rob Caswell*: pp. 24, 25; *Steve Venters*: p. 41.

*Challenge*, GDW's magazine of Adventure Gaming is published quarterly and includes the *Journal of the Travellers' Aid Society* as an internal section.

*Journal of the Travellers' Aid Society* is Game Designers' Workshop's registered trademark for its science-fiction gaming magazine devoted to *Traveller*.

*Traveller* is Game Designers' Workshop's registered trademark for its role-playing game of science-fiction adventure set in the far future.

**Twilight: 2000** is Game Designers' Workshop's trademark for its role-playing game of survival in a devastated world.

**Traveller: 2300** is Game Designers' Workshop's trademark for its science-fiction role-playing game set in the 24th century.

*Challenge* is copyright ©1987 by Game Designers' Workshop. Printed in the U.S.A. All rights reserved. ISSN: 0193-3124. All editorial and general mail should be sent to *Challenge*, P.O. Box 1646, Bloomington, IL 61702-1646.

The individual issue price is \$3.25. One year subscriptions are \$13 in the United States and Canada. Foreign subscriptions (outside the U.S. and Canada, but not to APO or FPO addresses) are \$25 per year, which includes airmail postage. Please make all payments in U.S. funds drawn on a U.S. bank.

**Submissions:** We welcome articles and illustrations for *Challenge*. Please inquire before submitting manuscripts, enclosing a stamped, self-addressed envelope; we will send manuscript guideline and format sheets. Foreign inquiries (except APO/FPO) please include an International Reply Coupon.

## Amber Zone

Behind the Scenes, by Gary L. Thomas.....26  
Double Feature, by Marcus L. Rowland.....45

## Traveller Articles

Across the Imperium, by Gary L. Thomas.....17  
K'kree Starships—A Human Perspective,  
by Rob Caswell and Timothy B. Brown.....22

## Twilight: 2000 Articles

Air Module II, by Frank Frey.....3  
Wilderness Travel and Pursuit, by William H. Keith, Jr.....6  
Ultralights: A Closer Look, by William H. Keith, Jr.....11

## Traveller: 2300 Articles

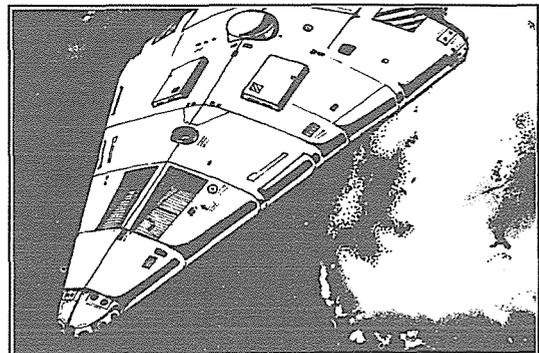
Traveller: 2300 Designer's Notes, by Marc W. Miller.....38  
The Astronomischen Rechen-Institut, by Timothy B. Brown.....41

## Features

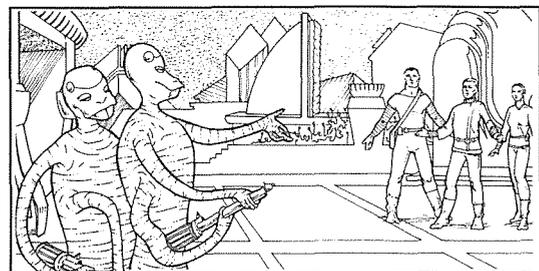
From The Management.....2  
Just Detected.....2  
Contact: The Sabmiqys.....31  
E&C.....47  
Challenge Classifieds.....48



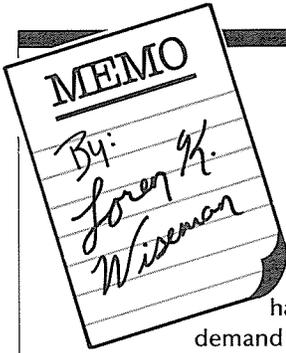
Page 26



Page 17



Page 31



## From the Management

Tim Brown and I (and a few others) have been talking it over, and we have decided that there is now sufficient demand for a combined errata and question & answer column, and we will begin one with this issue. It will be called E&C, which requires some explanation. E&C stands for *Errata & Corrigenda*. Everyone knows that errata are mistakes, but few people are aware that corrigenda are corrections, and that what most people call errata sheets are more properly called errata and corrigenda sheets (since they are a listing of both errors and corrections). For those of you with less technical outlooks (or less picky ones), you can simply think of E&C as standing for errata and clarifications, and leave it at that.

In any case, the first installment of E&C appears on page 47, and clears up a few points about **Traveller: 2300** and *Airlords of the Ozarks*. Readers are encouraged to submit questions of general interest. —Loren K. Wiseman

Issue 27 feedbacked as follows:

Adventure Scenario: Chosen at Random.....	3.58
The Mexican Army: 1998-2000.....	3.38
The Inland Waterway.....	3.55
Target: 2000.....	3.63
<b>Twilight: 2000</b> Consolidated Price List.....	3.80
Fighter Profile: The Rampart IV and V.....	3.86
Church of the Chosen Ones.....	3.94
Grandfather's Worlds.....	4.00
The North American Research League.....	3.61
Journalism and the Stars.....	3.86
From the Management.....	3.25
Just Detected.....	3.27
Ship's Locker: Vargr Grav Platforms.....	4.11
Bestiary: Oegongong.....	3.72
Small Cargos—Three for the Road.....	3.94
<b>Traveller</b> News Service.....	4.00
Casual Encounter: Cain.....	3.91
<i>Challenge</i> Classifieds.....	3.69
Issue 27 as a Whole.....	4.06

# JUST DETECTED

## CONVENTIONS

### TRI-STATE CON '87

March 27-29, 1987, Cincinnati, Ohio. Cincinnati's first regional convention will be held at the Tangeman Student Center on the campus of the University of Cincinnati. Events will include games and tournaments of all types, an auction, and a dealer's area. Prices are \$10.00 in advance and \$12.00 at the door. For more information, contact Lonnie Barnett, 5661 McCarthy Ct, W. Chester, OH 45069.

### GAMES PLUS DAY

April 4, 1987, Mount Prospect, Illinois. Tournaments, auction, and dealers' room as well as other events are featured, to be held at the Mount Prospect Holiday Inn. For information, write Games Plus, 20 W. Busse Ave, Mount Prospect, IL 60056, or call (312) 577-9656.

### GAMEX 1987

May 22-25, Pasadena Hilton Hotel, Pasadena, California. RPGs, wargames, miniatures, computer and family boardgame tournaments, flea markets, auction, seminars, demonstrations, and exhibitor area. For more information, contact Gamex 1987, C/O DTI, PO Box 8399, Long Beach, CA 90808, or call (213) 420-3675.

## MAGAZINES

### SECURITY LEAK

A new **Traveller** fanzine from Sorag Laboratories. They promise brand new adventures (each loaded with intrigue and action) with detailed background, floorplans, new technology, new weapons, new medicines, and columns on a diversity of subjects. Subscriptions are \$12 for four issues, \$4 per issue, please make checks and MOs payable to Gregg Giles (send no cash, please).

**Publisher:** SORAG Laboratories, 1408 Shady Lane 28, Bedford, TX 76021-5521.

GDW products (including **Traveller**) are available through distributors as follows:

**West Germany:** GDW products are imported and distributed by Fantastic Shop, Kon Kordiastr. 61, Postfach: 3026, 4000 Dusseldorf 1, West Germany. Some titles are translated into German.

**Japan:** GDW products are printed and distributed by Hobby Japan Co., LTD, 26-5, 5-Chome, Sendagaya, Shibuya-Ku, Tokyo, Japan. Titles published are translated into Japanese.

**United Kingdom:** GDW products are imported and distributed by Games Workshop, LTD., Chewton St., Hilltop, Eastwood, Nottingham, UK; by Games, 89 Victoria St, Liverpool, L1 6DG, UK; and by Virgin Games Centre, 41-43 Standard Rd, London, NW10 6HF, UK.

**Italy:** GDW products are imported and distributed by Pacific Enterprise Italia, Via R. Di Lauria 15, 20149 Milano, Italy.

**Sweden:** GDW products are imported and distributed by Hobbyhuset, Box 2003, S-750 02, Uppsala, Sweden and by Target Games, Frihamnen S-100 56, Stockholm, Sweden.

**New Zealand:** GDW products are imported and distributed by Blackwood Gayle, PO Box 28358, Auckland, New Zealand.

**Australia:** GDW products are imported and distributed by Jedko Games, PO Box 164, Moorabbin, Vic, Australia 3198.

## Air Module II

The **Twilight: 2000** Air Module in *Challenge #26* proved so popular that more information seemed in order. Demand was greatest for more aircraft, so here they are. All types listed are fixed-wing aircraft.

### MIRAGE F1-J

A French-built, all-weather fighter aircraft, supplied to Iraq, Jordan, Kuwait, and Qatar before the start of the war.

**Special Features:** Cyrano IV radar **Price:** \$2,500,000 (R/R) **RF:** +40 **IR:** +40 **Armament:** 2×30mm, one CFP 2000 kg, two UWP 1000 at kilograms each **Ammo:** 80×30mm **Tr Mov:** 1050 **Com Mov:** 1450 **Agility:** 8/4 **Turn Radius:** 80/40 **Acc:** 1450 **Fuel Cap:** 4300 **Fuel Cons:** 1500 **Wt:** 7.4 tons **TO Run:** 640 m **Land Run:** 610 m **Cargo:** none **Load:** 8350 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (30), CF (30), RF (30), W (30), T (25) **Damage Chart:** C.

### MIRAGE 2000

A French-built, multi-role combat aircraft. **Special Features:** Antelope V ground-scan/all-weather radar, one CFP at 2000 kg, two UFP at 750 kilograms each, two UFP at 500 kilograms each, two UWP at 500 kilograms each, two UWP at 100 kilograms each. **Price:** \$5,000,000 (R/R) **RF:**

+40 **IR:** +40 **Armament:** 2×30mm **Ammo:** 80×30mm **Tr Mov:** 1110 **Com Mov:** 1500 **Agility:** 9/5 **Turn Radius:** 90/150 **Acc:** 1500 **Fuel Cap:** 3800 **Fuel Cons:** 3500 **Wt:** 7.4 tons **TO Run:** 800 m **Land Run:** 750 m **Cargo:** none **Load:** 9500 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (30), CF (30), RF (30), W (30), T (30) **Damage Chart:** C.

### MIRAGE 4000

A French-built, multi-role combat aircraft. **Special Features:** All-weather avionics, one CFP at 2000 kilograms, four UFP at 750 kilograms each, two UFP at 500 kilograms each, two UWP at 500 kilograms each, two UWP at 100 kilograms each. **Price:** \$8,000,000 (R/R) **RF:** +40 **IR:** +40 **Armament:** 2×30mm **Ammo:** 80×30mm **Tr Mov:** 1600 **Com Mov:** 2200 **Agility:** 10/7 **Turn Radius:** 100/70 **Acc:** 2000 **Fuel Cap:** 11,400 **Fuel Cons:** 10,000 **Wt:** 8 tons **TO Run:** 900 m **Land Run:** 845 m **Cargo:** none **Load:** 18,600 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (30), CF (30), RF (30), W (30), T (30) **Damage Chart:** C.

### KFIR C-9

The final variant of the Israeli Kfir C-2 jet. **Special Features:** All-weather avionics, three CFP at 1000 kilograms each, four UWP at 500 kilograms each. **Price:** \$4,500,000 (R/R) **RF:** +40 **IR:** +40 **Arma-**

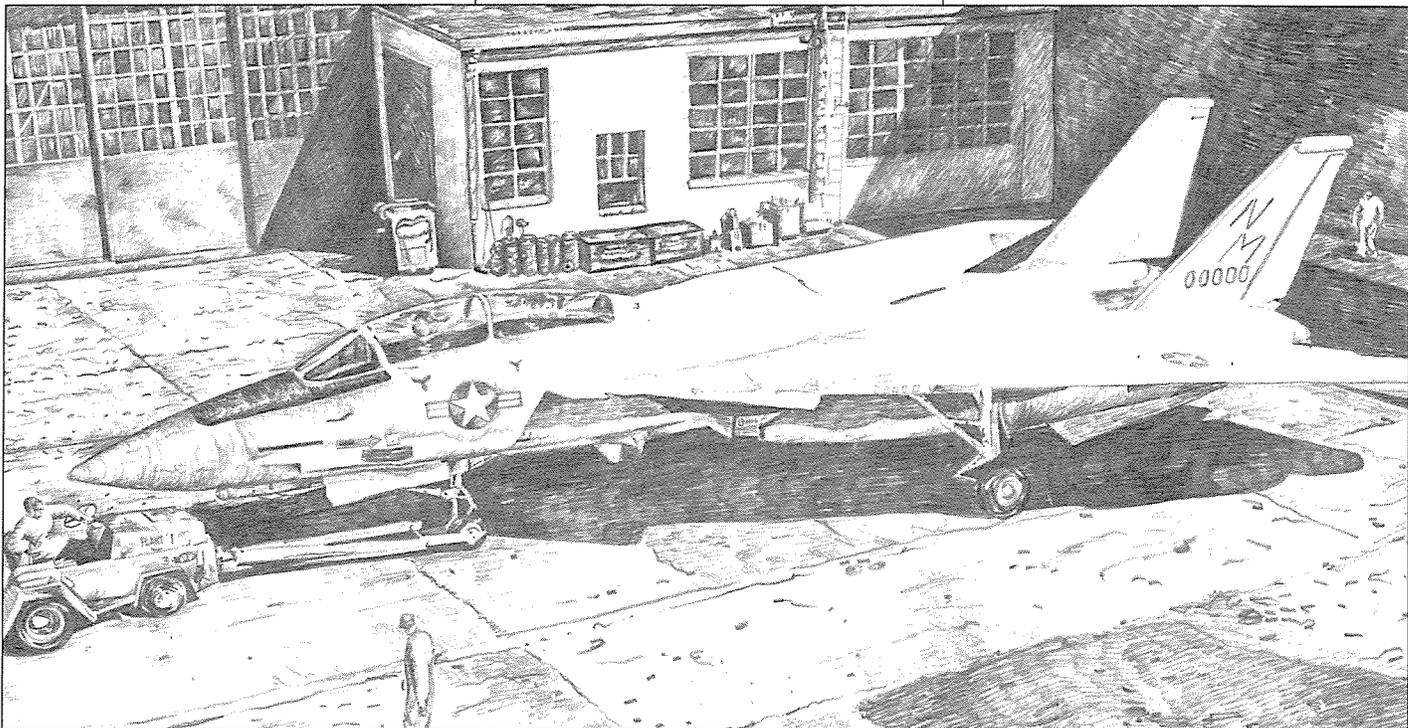
**ment:** 2×30mm **Ammo:** 80×30mm **Tr Mov:** 975 **Com Mov:** 1350 **Agility:** 10/6 **Turn Radius:** 100/60 **Acc:** 1400 **Fuel Cap:** 3243 **Fuel Cons:** 3000 **Wt:** 7.3 tons **TO Run:** 1450 m **Land Run:** 1555 m **Cargo:** none **Load:** 8243 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (30), CF (30), RF (30), W (25), T (30) **Damage Chart:** C.

### AN-32 CLINE

**Special Features:** none. **Price:** \$2,500,000 (R/R) **RF:** none **IR:** +40 **Armament:** none **Ammo:** none **Tr Mov:** 530 **Com Mov:** 735 **Agility:** 2/1 **Turn Radius:** 40/20 **Acc:** 450 **Fuel Cap:** 5500 **Fuel Cons:** 1100 **Wt:** 15 tons **TO Run:** 1200 m **Land Run:** 1600 m **Cargo:** 6700 m **Load:** 12,200 kg **Mnt:** 40 **Crew:** 5 + 40 **Armor:** FF (25), CF (25), RF (25), W (30), T (20) **Damage Chart:** B.

### DNC-6 TWIN OTTER

A twin-turboprop, STOL (Short Take-Off/Landing) transport aircraft. **Special Features:** none. **Price:** \$1,500,000 (R/R) **RF:** none **IR:** +40 **Armament:** none **Ammo:** none **Tr Mov:** 750 **Com Mov:** 350 **Agility:** 4/2 **Turn Radius:** 60/25 **Acc:** 300 **Fuel Cap:** 1446 **Fuel Cons:** 300 **Wt:** 1.9 tons **TO Run:** 366 m **Land Run:** 320 m **Cargo:** 1900 kg **Load:** 3346 kg **Mnt:** 35 **Crew:** 2 + 18 **Armor:** FF (20), CF (20), RF (20), W (20), T (15) **Damage Chart:** B.



**TRANSALL C-160**

A French-built, medium-range transport aircraft. **Special Features:** none **Price:** \$3,750,000 (R/R) **RF:** none **IR:** +40 **Armament:** none **Ammo:** none **Tr Mov:** 400 **Com Mov:** 555 **Agility:** 2/1 **Turn Radius:** 30/15 **Acc:** 300 **Fuel Cap:** 19,050 **Fuel Cons:** 4760 **Wt:** 8.9 tons **TO Run:** 990 m **Land Run:** 550 m **Cargo:** 16,000 kg **Load:** 35,050 kg **Mnt:** 40 **Crew:** 3 + 90 **Armor:** FF (35), CF (35), RF (35), W (30), T (25) **Damage Chart:** B.

**PANAVIA TORNADO IDS II**

**Special Features:** All-weather avionics, blind strike capacity, one CFP at 1500 kilograms, two UFP at 1000 kilograms each, two IWP at 500 kilograms each, two OWP at 250 kilograms each. **Price:** \$5,500,000 (R/R) **RF:** +40 **IR:** +40 **Armament:** 2 × 25mm **Ammo:** 60 × 25mm **Tr Mov:** 900 **Com Mov:** 1250 **Agility:** 9/6 **Turn Radius:** 90/60 **Acc:** 1250 **Fuel Cap:** 10,000 **Fuel Cons:** 8500 **Wt:** 14 tons **TO Run:** 900 m **Land Run:** 370 m **Cargo:** none **Load:** 15,000 kg **Mnt:** 40 **Crew:** 2 **Armor:** FF (30), CF (30), RF (30), W (25), T (25) **Damage Chart:** C.

**A-10B THUNDERBOLT II**

**Special Features:** All-weather avionics, one CFP at 2200 kilograms or two CFP at 1500 kilograms each, plus two UWP at 1500 kilograms each, two UWP at 1100 kilograms each, and two OWP at 450 kilograms **Price:** \$3,500,000 (R/R) **RF:** +40 **IR:** +30 **Armament:** 1 × 30mm **Ammo:** 330 × 30mm **Tr Mov:** 600 **Com Mov:** 830 **Agility:** 7/4 **Turn Radius:** 40/20 **Acc:** 550 **Fuel Cap:** 4800 **Fuel Cons:** 2400 **Wt:** 11 tons **TO Run:** 1220 m **Land Run:** 616 m **Cargo:** none **Load:** 7200 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (50), CF (50), RF (50), W (40), T (40) **Damage Chart:** D.

**A-7 CORSAIR III**

**Special Features:** All-weather avionics, two IWP at 225 kilograms each, two IWP at 1100 kilograms each, four OWP at 1500 kilograms each **Price:** \$3,000,000 (R/R) **RF:** +40 **IR:** +40 **Armament:** 1 × 20mm **Ammo:** 300 × 20mm **Tr Mov:** 800 **Com Mov:** 1100 **Agility:** 8/5 **Turn Radius:** 40/30 **Acc:** 800 **Fuel Cap:** 5600 **Fuel Cons:** 2240 **Wt:** 8 tons **TO Run:** 1700 m **Land Run:** 850 m **Cargo:** none **Load:** 8650 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (30), CF (30), RF (30), W (25), T (25) **Damage Chart:** C.

**AV-8B HARRIER**

A British fighter manufactured under license in the U.S and other countries. **Special Features:** All-weather avionics, VSTOL (Vertical/Short Take-Off/Landing) capability, one center pylon at 450 kilograms, two IWP at 900 kilograms each, two CWP at 450 kilograms each, two OWP at 280 kilograms each **Price:** \$3,750,000 (R/R) **RF:** +40 **IR:** +35 **Armament:** 2 × 25mm **Ammo:** 200 × 25mm **Tr Mov:** 700 **Com Mov:** 970 **Agility:** 9/5 **Turn Radius:** 60/40 **Acc:** 650 **Fuel Cap:** 4100 **Fuel Cons:** 2000 **Wt:** 6 tons **TO Run:** 370 m **Land Run:** 0 m **Cargo:** none **Load:** 8650 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (30), CF (30), RF (30), W (25), T (25) **Damage Chart:** C.

**F15E STRIKE EAGLE**

**Special Features:** All-weather avionics, thermal sight and image intensifier for weapons officer, one center pylon at 1000 kilograms, two IWP at 1000 kilograms each. **Price:** \$3,750,000 (R/R) **RF:** +40 **IR:** +35 **Armament:** 2 × 20mm **Ammo:** 200 × 20mm **Tr Mov:** 1100 **Com Mov:** 1500 **Agility:** 10/7 **Turn Radius:** 100/70

**Acc:** 1400 **Fuel Cap:** 6100 **Fuel Cons:** 2000 **Wt:** 14 tons **TO Run:** 300 m **Land Run:** 1070 m **Cargo:** none **Load:** 4000 kg **Mnt:** 40 **Crew:** 2 **Armor:** FF (30), CF (30), RF (30), W (25), T (25) **Damage Chart:** C.

**F-14D TOMCAT**

**Special Features:** All-weather avionics, two CFP at 900 kilograms each, two UWP at 500 kilograms each. **Price:** \$6,000,000 (R/R) **RF:** +40 **IR:** +40 **Armament:** 1 × 20mm **Ammo:** 225 × 20mm **Tr Mov:** 930 **Com Mov:** 1300 **Agility:** 10/8 **Turn Radius:** 100/80 **Acc:** 1600 **Fuel Cap:** 7350 **Fuel Cons:** 3675 **Wt:** 18 tons **TO Run:** 400 m **Land Run:** 825 m **Cargo:** none **Load:** 10,150 kg **Mnt:** 40 **Crew:** 2 **Armor:** FF (30), CF (30), RF (30), W (25), T (25) **Damage Chart:** C.

**SU-24 FENCER-G**

Soviet combat aircraft. **Special Features:** All-weather avionics, blind strike capability, four CFP at 1000 kilograms each, two IWP at 1500 kilograms each, two OWP at 500 kilograms each. **Price:** \$5,000,000 (-/R) **RF:** +40 **IR:** +40 **Armament:** 2 × 23mm **Ammo:** 300 × 23mm **Tr Mov:** 900 **Com Mov:** 1250 **Agility:** 6/2 **Turn Radius:** 60/20 **Acc:** 1000 **Fuel Cap:** 13,000 **Fuel Cons:** 10,000 **Wt:** 19 tons **TO Run:** 1000 m **Land Run:** 1250 m **Cargo:** none **Load:** 8000 kg **Mnt:** 45 **Crew:** 2 **Armor:** FF (40), CF (40), RF (40), W (25), T (25) **Damage Chart:** C.

**SU-27 FLANKER-B**

A Soviet multi-role fighter. **Special Features:** All-weather avionics, look-down/shoot-down radar, two CFP at 800 kilograms each, four UWP at 300 kilograms each. **Price:** \$7,000,000 (-/R) **RF:** +40 **IR:** +40 **Armament:** 1 × 23mm **Ammo:** 100 × 23mm **Tr Mov:** 1300 **Com Mov:** 1800 **Agility:** 10/7 **Turn Radius:** 100/70 **Acc:** 1750 **Fuel Cap:** 10,000 **Fuel Cons:** 10,000 **Wt:** 17 tons **TO Run:** 1000 m **Land Run:** 1250 m **Cargo:** none **Load:** 1280 kg **Mnt:** 45 **Crew:** 1 **Armor:** FF (35), CF (35), RF (35), W (25), T (25) **Damage Chart:** C.

**MIG-27 FLOGGER-Q**

A Soviet ground-attack aircraft derived from the MiG 23. **Special Features:** All-weather avionics, one CFP at 1000 kilograms, two IWP at 750 kilograms each, two OWP at 500 kilograms each. **Price:** \$4,000,000 (-/R) **RF:** +40 **IR:** +40 **Armament:** 1 × 30mm **Ammo:** 200 30mm **Tr Mov:** 625 **Com Mov:** 870 **Agility:** 9/5 **Turn Radius:** 90/50 **Acc:** 1250 **Fuel Cap:** 6000 **Fuel Cons:** 3500 **Wt:** 9.5 tons **TO Run:** 900 m **Land Run:** 900 m **Cargo:** none **Load:** 9500 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (35), CF (35), RF (30), W (25), T (25) **Damage Chart:** C.

**MIG-29 FLOGGER-M**

The final variant of the Soviet MiG-23 series. **Special Features:** All-weather avionics, look-down/shoot-down radar, one CFP at 2000 kilograms, two CFP at 1000 kilograms each, two IWP at 250 kilograms each. **Price:** \$3,500,000 (R/R) **RF:** +40 **IR:** +40 **Armament:** 1 × 23mm **Ammo:** 150 × 23mm **Tr Mov:** 750 **Com Mov:** 1000 **Agility:** 10/6 **Turn Radius:** 100/60 **Acc:** 1500 **Fuel Cap:** 5750 **Fuel Cons:** 3400 **Wt:** 8 tons **TO Run:** 900 m **Land Run:** 900 m **Cargo:** none **Load:** 10,250 kg **Mnt:** 40 **Crew:** 1 **Armor:** FF (30), CF (30), RF (30), W (25), T (25) **Damage Chart:** C.

**MIG-31 FOXHOUND**

A Soviet high-performance interceptor. **Special Features:** All-

weather avionics, look-down/shoot-down radar, four UWP at 600 kilograms each. **Price:** \$8,000,000 (R/R) **RF:** +40 **IR:** +60 **Armament:** Pods **Ammo:** none **Tr Mov:** 1500 **Com Mov:** 2000 **Agility:** 9/5 **Turn Radius:** 90/50 **Acc:** 2000 **Fuel Cap:** 17,000 **Fuel Cons:** 17,000 **Wt:** 21 tons **TO Run:** 1380 m **Land Run:** 2180 m **Cargo:** none **Load:** 19,400 kg **Mnt:** 50 **Crew:** 2 **Armor:** FF (40), CF (40), RF (40), W (25), T (25) **Damage Chart:** C.

#### AN-28 CASH

A Polish-built, twin-engine, STOL transport aircraft. **Special Features:** none **Price:** \$1,000,000 (R/R) **RF:** none **IR:** +40 **Armament:** none **Ammo:** none **Tr Mov:** 335 **Com Mov:** 465 **Agility:** 3/2 **Turn Radius:** 30/15 **Acc:** 75 **Fuel Cap:** 1960 **Fuel Cons:** 650 **Wt:** 3.7 tons **TO Run:** 360 m **Land Run:** 315 m **Cargo:** 2000 kg **Load:** 3960 kg **Mnt:** 30 **Crew:** 2 + 16 **Armor:** FF (15), CF (15), RF (15), W (15), T (15) **Damage Chart:** B.

#### PC-6 TURBO-PORTER

A Swiss-built, single-engine, high-wing monoplane, STOL transport aircraft. **Special Features:** none **Price:** \$800,000 (R/R) **RF:** none **IR:** +40 **Armament:** none **Ammo:** none **Tr Mov:** 250 **Com Mov:** 350 **Agility:** 5/3 **Turn Radius:** 40/20 **Acc:** 75 **Fuel Cap:** 480 **Fuel Cons:** 120 **Wt:** 2.2 tons **TO Run:** 110 m **Land Run:** 80 m **Cargo:** 500 kg **Load:** 980 kg **Mnt:** 30 **Crew:** 1 + 8 **Armor:** FF (15), CF (15), RF (10), W (15), T (10) **Damage Chart:** A.

#### ARAVA 202

Israeli-built, twin-engine, STOL transport aircraft. **Special Features:** All-weather avionics. **Price:** \$850,000 (R/R) **RF:** none **IR:** +40 **Armament:** none **Ammo:** none **Tr Mov:** 300 **Com Mov:** 415 **Agility:** 4/2 **Turn Radius:** 30/15 **Acc:** 100 **Fuel Cap:** 1600 **Fuel Cons:** 400 **Wt:** 4 tons **TO Run:** 470 m **Land Run:** 470 m **Cargo:** 2350

kg **Load:** 3950 kg **Mnt:** 30 **Crew:** 2 + 20 **Armor:** FF (15), CF (15), RF (15), W (15), T (10) **Damage Chart:** B.

#### AN-2P COLT

Soviet-built, single-engine, biplane transport aircraft. **Special Features:** none **Price:** \$750,000 (R/R) **RF:** none **IR:** +40 **Armament:** none **Ammo:** none **Tr Mov:** 200 **Com Mov:** 275 **Agility:** 4/2 **Turn Radius:** 30/15 **Acc:** 50 **Fuel Cap:** 1200 **Fuel Cons:** 300 **Wt:** 2.8 tons **TO Run:** 200 m **Land Run:** 100 m **Cargo:** 1500 kg **Load:** 2700 kg **Mnt:** 30 **Crew:** 2 + 10 **Armor:** FF (20), CF (20), RF (15), W (15), T (15) **Damage Chart:** A.

#### AN-12 CUB

Soviet-built, four-engine, transport aircraft. **Special Features:** All-weather avionics. **Price:** \$4,000,000 (R/R) **RF:** none **IR:** +50 **Armament:** none **Ammo:** none **Tr Mov:** 630 **Com Mov:** 875 **Agility:** 3/1 **Turn Radius:** 20/10 **Acc:** 100 **Fuel Cap:** 13,900 **Fuel Cons:** 2500 **Wt:** 26 tons **TO Run:** 800 m **Land Run:** 650 m **Cargo:** 14,500 kg **Load:** 28,400 kg **Mnt:** 45 **Crew:** 5 + 100 **Armor:** FF (30), CF (35), RF (30), W (20), T (20) **Damage Chart:** B.

#### BOMBS

Type	Dam	Arm	BR
100 kg	× 50c	× 10	3 m
200 kg	× 60c	× 8	6 m
350 kg	× 65c	× 6	10 m
450 kg	× 70c	× 4	15 m
1000 kg	× 80c	× 2	25 m

—Frank Frey

## GREEN DRAGON HOBBY TRAVELLER® by FASA

### THE HARRENSA PROJECT/THE STAZHLEKH REPORT

This booklet contains not one but two complete **Traveller** adventures!

*The Harrensa Project* deals with industrial espionage on a hostile planet.

*The Stazhkeh Report* centers on a commando operation geared to gather vital military intelligence.

#### GET BOTH TODAY!

*The Harrensa Project/The Stazhkeh Report*.....\$4.50

To order, send check or money order to:

Green Dragon Hobby  
P.O. Box 2573  
Sandusky, OH 44870

Please add \$1.00 for shipping. Ohio residents add 5% sales tax.

Traveller is a registered trademark of Game Designers' Workshop.

## ULSTER IMPORTS, LTD.

PO Box 1748  
Champaign IL

## LIMITED QUANTITIES!

Bradley AFVs  
and  
Hummers

We have a limited quantity of 20mm scale Hummer and Bradley AFVs, in metal, imported from the UK. Send SASE and ask for a listing of what we have.

**Warning:** Figures contain lead and are not recommended for children under 12.

*Twilight: 2000* is a trademark of Game Designers' Workshop.

























































































