CHARACTERISTICS SUMMARY

FIGHTER F127-1

DRAWING NOT AVAILABLE.

| WING AREA | 350 Sq. Ft. | LENGTH | 48' |
| WING SPAN | 36' - 30 | HEIGHT | 13' - 10 |

| AVAILABILITY | PROCUREMENT |
| NUMBER AVAILABLE | NUMBER DELIVERED IN FISCAL YEARS |
| ACTIVE | RESERVE | TOTAL |

STATUS

First Flight - - - - - - - - - Not Flown This Date

ENGINES

(1) J79-GE-2 General Electric

<table>
<thead>
<tr>
<th>LBS</th>
<th>RPM</th>
<th>ALT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL</td>
<td>14350</td>
<td>S.S.L.</td>
</tr>
<tr>
<td>MIL</td>
<td>9300</td>
<td>S.S.L.</td>
</tr>
</tbody>
</table>

FEATURES

Crew - 1
Leading Edge Droop
Inflight Refueling
Ejection Seat

ARMAMENT

3 - Sidewinder Missles

15 AUGUST 1955
# CHARACTERISTICS SUMMARY

## BASIC MISSION

<table>
<thead>
<tr>
<th></th>
<th>F-12F-1</th>
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<tbody>
<tr>
<td></td>
<td>50,400 ft.</td>
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### COMBAT RANGE

- **COMBAT RADIUS**
  - 290 naut. mi.
  - 522 knots avg.
  - Mission Time = 1.4 hrs.

- **COMBAT RANGE**
  - 1,470 naut. mi.
  - 522 knots avg.
  - 2.3 hours

### SPEED

- **661 knots at S.L. ft.**
- **855 knots at 35,000 ft.**
- **600 knots at 50,000 ft.**

### CLIMB

- **7,965 ft./min.**
- **58,300 ft.**
- **100 ft./min., Combat wt.**
- **MIL + A/B Power**

- **36,500 ft./min.**
- **57,600 ft.**
- **500 ft./min., Combat wt.**
- **MIL + A/B Power**

### CEILING

- **58,300 ft.**

### TAKE OFF

- **100 ft./min., Combat wt.**
- **MIL + A/B Power**

### WEIGHS

<p>| | |</p>
<table>
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<tr>
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<tbody>
<tr>
<td>Fuel</td>
<td>95%</td>
</tr>
<tr>
<td>Fixed</td>
<td>95%</td>
</tr>
</tbody>
</table>

### STALLING SPEED

- **Knots**
- **Flaps down, T.O. wt.**

### TIME TO CLIMB

- **45,000 ft. in 9.8 min.**
- **Take-off wt., MIL Power**

## LOAD

- **Empty**
- **Combat**
- **Take-off**

### NOTES

Performance Basis: Calculations.
Range and radius based on engine specification fuel consumption data increased 5%.