

**The Market for Air-to-Air Missiles**

# The Market for Air-to-Air Missiles

## Table of Contents

|  |    |
|--|----|
| <b>Executive Summary</b> .....   | 1  |
| <b>Introduction</b> .....  | 2  |
| <b>Trends</b> .....  | 3  |
| <b>Competitive Environment</b> .....   | 5  |
| <b>Market Statistics</b> .....   | 11 |
| Table 1 - The Market for Air-to-Air Missiles, Unit Production by Manufacturer.....   | 16 |
| Table 2 - The Market for Air-to-Air Missiles, Value of Production by Manufacturer .....  | 18 |
| Figure 1 - The Market for Air-to-Air Missiles, Unit Production, Bar Graph .....  | 20 |
| Figure 2 - The Market for Air-to-Air Missiles, Value of Production, Bar Graph .....  | 20 |
| Table 3 - The Market for Air-to-Air Missiles, Unit Production, % Market Share by Manufacturer .....  | 21 |
| Table 4 - The Market for Air-to-Air Missiles, Value of Production, % Market Share by Manufacturer .....  | 21 |
| Figure 3 - The Market for Air-to-Air Missiles, Unit Production, % Market Share, Pie Chart .....  | 22 |
| Figure 4 - The Market for Air-to-Air Missiles, Value of Production, % Market Share, Pie Chart .....  | 22 |
| <b>Conclusion</b> .....  | 23 |
| <b>CD ROM</b> (To utilize any of the electronic documents contained in this product, please follow the instructions listed on the blue disk sleeve.) |    |
| <b>Microsoft® Excel Spreadsheets</b>   |    |
| Table 1 - The Market for Air-to-Air Missiles, Unit Production by Manufacturer  |    |
| Table 2 - The Market for Air-to-Air Missiles, Value of Production by Manufacturer  |    |
| Table 3 - The Market for Air-to-Air Missiles, Unit Production, % Market Share by Manufacturer  |    |
| Table 4 - The Market for Air-to-Air Missiles, Value of Production, % Market Share by Manufacturer  |    |
| <b>Microsoft® PowerPoint® Presentation</b>   |    |
| <b>Microsoft® Word Document</b>  |    |

**Systems Covered**

| Manufacturer                             | Missile        | Engine       |
|--|----------------|--------------|
| ALENIA-OTO SISTEMI                       | IDRA           | UNSPECIFIED  |
| BODENSEWERK GERATETECHNIK (Licensee)     | AIM-9JULI      | MK.36 MOD 11 |
| BODENSEWERK GERATETECHNIK (Licensee)     | AIM-9L         | MK.36 MOD 9  |
| CHINA NATIONAL AERO-TECHNICAL            | CHINESE ASRAAM | UNSPECIFIED  |
| CHINA NATIONAL AERO-TECHNICAL            | PL- 2          | UNSPECIFIED  |
| CHINA NATIONAL AERO-TECHNICAL            | PL- 4          | UNSPECIFIED  |
| CHINA NATIONAL AERO-TECHNICAL            | PL- 5          | UNSPECIFIED  |
| CHINA NATIONAL AERO-TECHNICAL            | PL- 7          | UNSPECIFIED  |
| CHINA NATIONAL AERO-TECHNICAL            | PL-10          | UNSPECIFIED  |
| CHINA NATIONAL AERO-TECHNICAL            | R129           | UNSPECIFIED  |
| CHINA NATIONAL AERO-TECHNICAL (Licensee) | PL- 9          | UNSPECIFIED  |
| CHUNG SHAN INSTITUTE                     | SKY SWORD I    | UNSPECIFIED  |

## The Market for Air-to-Air Missiles

| Manufacturer                           | Missile          | Engine          |
|--|------------------|-----------------|
| CHUNG SHAN INSTITUTE                   | SKY SWORD II     | UNSPECIFIED     |
| CHUNG SHAN INSTITUTE                   | SKY SWORD III    | UNSPECIFIED     |
| CNPMIEC                                | PL-11            | UNSPECIFIED     |
| CNPMIEC                                | TY-90            | UNSPECIFIED     |
| DENEL AEROSPACE SYSTEMS                | V3A              | UNSPECIFIED     |
| DENEL AEROSPACE SYSTEMS                | V3B              | UNSPECIFIED     |
| DENEL AEROSPACE SYSTEMS                | V3C              | UNSPECIFIED     |
| DENEL AEROSPACE SYSTEMS                | V3S A-DARTER     | UNSPECIFIED     |
| DENEL AEROSPACE SYSTEMS                | V3U U-DARTER     | UNSPECIFIED     |
| DENEL AEROSPACE SYSTEMS                | V4 R-DARTER      | UNSPECIFIED     |
| DIEHL BGT DEFENCE                      | IRIS-T           | UNSPECIFIED     |
| DRDL                                   | ASTRA            | UNSPECIFIED     |
| EGYPTIAN AIR FORCE (Licensee)          | AIM-9P-4         | SR.116          |
| FORD AEROSPACE/G.E./RAYTHEON           | AIM-9L           | MK.36 MOD 7/9   |
| LOCKHEED MARTIN/RAYTHEON               | AIM-9M           | MK.36 MOD 9/11  |
| LOCKHEED MARTIN/RAYTHEON               | AIM-9P-4/5       | SR.116          |
| MATRA BAE DYNAMICS                     | ACTIVE SKYFLASH  | UNSPECIFIED     |
| MATRA BAE DYNAMICS                     | R.550/1          | ROME0           |
| MATRA BAE DYNAMICS                     | R.550/2          | RICHARD         |
| MATRA BAE DYNAMICS                     | RB71             | HOOPOE          |
| MATRA BAE DYNAMICS                     | SKYFLASH         | HOOPOE          |
| MATRA BAE DYNAMICS                     | SKYFLASH II      | HOOPOE          |
| MBDA                                   | ASPIDE AIR/AIR   | MODIFIED MK.38  |
| MBDA                                   | ASRAAM           | UNSPECIFIED     |
| MBDA                                   | METEOR           | UNSPECIFIED     |
| MBDA                                   | MICA-EM          | UNSPECIFIED     |
| MBDA                                   | MICA-IR          | UNSPECIFIED     |
| MBDA                                   | R.530            | MARIE ANTOINETT |
| MBDA                                   | R.530D           | ANGELE          |
| MBDA                                   | R.530F           | ANGELE          |
| MECTRON                                | MAA-1            | UNSPECIFIED     |
| mitsubishi electric corp               | TYPE 99 AAM-4    | UNSPECIFIED     |
| MITSUBISHI ELECTRIC CORP (Licensee)    | AIM-7F           | MK.65 OR MK.58  |
| MITSUBISHI ELECTRIC CORP (Licensee)    | AIM-7M           | MK.65 OR MK.58  |
| MITSUBISHI HEAVY INDUSTRIES            | AAM-1            | UNSPECIFIED     |
| MITSUBISHI HEAVY INDUSTRIES            | AAM-2            | UNSPECIFIED     |
| MITSUBISHI HEAVY INDUSTRIES            | AAM-5            | UNSPECIFIED     |
| MITSUBISHI HEAVY INDUSTRIES            | TYPE 90 AAM-3    | UNSPECIFIED     |
| MITSUBISHI HEAVY INDUSTRIES (Licensee) | AIM-9L           | MK.36 MOD 9     |
| NOT SELECTED                           | AA-13            | UNSPECIFIED     |
| NOT SELECTED                           | FUTURE AAAM      | NOT SELECTED    |
| NOT SELECTED                           | US DUAL-ROLE AAM | NOT SELECTED    |
| RAFAEL ARMAMENT AUTHORITY              | DERBY            | UNSPECIFIED     |
| RAFAEL ARMAMENT AUTHORITY              | PYTHON III       | UNSPECIFIED     |
| RAFAEL ARMAMENT AUTHORITY              | PYTHON IV        | UNSPECIFIED     |
| RAFAEL ARMAMENT AUTHORITY              | PYTHON V         | UNSPECIFIED     |
| RAFAEL ARMAMENT AUTHORITY              | PYTHON VI        | UNSPECIFIED     |
| RAFAEL ARMAMENT AUTHORITY              | SHAFRIR I        | UNSPECIFIED     |
| RAFAEL ARMAMENT AUTHORITY              | SHAFRIR II       | UNSPECIFIED     |
| RAFAEL ARMAMENT AUTHORITY              | SHAFRIR II       | UNSPECIFIED     |

**The Market for Air-to-Air Missiles**

| Manufacturer              | Missile      | Engine         |
|---------------------------|--------------|----------------|
| RAYTHEON COMPANY          | AIM-120A     | WPU-6/B        |
| RAYTHEON COMPANY          | AIM-120B/C   | WPU-6/B        |
| RAYTHEON COMPANY          | AIM-120C     | WPU-6/B        |
| RAYTHEON COMPANY          | AIM-120D     | UNSPECIFIED    |
| RAYTHEON COMPANY          | AIM-54C      | MK.47 MOD 0    |
| RAYTHEON COMPANY          | AIM-54D      | MK.47 MOD 1    |
| RAYTHEON COMPANY          | AIM-54D1     | MK.47 MOD 1    |
| RAYTHEON COMPANY          | AIM-9M-8/9   | MK.36 MOD 11   |
| RAYTHEON COMPANY          | AIM-9X       | MK.36          |
| RAYTHEON/GENERAL DYNAMICS | AIM-7M       | MK.65 OR MK.58 |
| TOSHIBA                   | KEIKO AAM    | UNSPECIFIED    |
| US NAVY                   | AIM-9S       | MK.36 MOD 9/11 |
| VYMPPEL                   | AA- 9 AMOS   | UNSPECIFIED    |
| VYMPPEL                   | AA-10 ALAMO  | UNSPECIFIED    |
| VYMPPEL                   | AA-11 ARCHER | UNSPECIFIED    |
| VYMPPEL                   | AA-12 ADDER  | UNSPECIFIED    |