

```

CREATE TABLE Plane (
  plane_id INT PRIMARY KEY AUTO_INCREMENT, -- Unique ID for the plane
  model VARCHAR(50) NOT NULL, -- Plane model (e.g., Boeing 747, Airbus A320)
  manufacturer VARCHAR(50) NOT NULL, -- Manufacturer (e.g., Boeing, Airbus)
  capacity INT NOT NULL, -- Maximum number of passengers
  registration_number VARCHAR(20) UNIQUE NOT NULL, -- Unique aircraft registration
  number
  airline VARCHAR(50), -- Airline operating the plane (optional)
  year_of_manufacture YEAR, -- Manufacturing year
  status ENUM('Active', 'Maintenance', 'Retired') DEFAULT 'Active', -- Operational status
  last_served DATE, -- Last service date
  created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, -- Record creation time
  updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE
  CURRENT_TIMESTAMP -- Last update timestamp
);

```

Sample data:

```

INSERT INTO Plane (model, manufacturer, capacity, registration_number, airline,
year_of_manufacture, status, last_served)
VALUES
  ('Boeing 747', 'Boeing', 416, 'N12345', 'American Airlines', 2005, 'Active', '2024-03-15'),
  ('Airbus A320', 'Airbus', 180, 'D-ABCD', 'Lufthansa', 2010, 'Maintenance', '2024-02-20'),
  ('Embraer E190', 'Embraer', 114, 'G-EJ45', 'British Airways', 2016, 'Active', '2024-03-10');

```

Query example:

```

SELECT * FROM Plane WHERE status = 'Active';

```