```java
import java.lang.Comparable;

public class Aircraft {
    private String type;
    private double maxSpd;
    public int totalProduction;

    /**
     * Build a cool airplane
     */

    public Aircraft(String actype, double acmaxSpd)
    {
        this.type = actype;
        this.maxSpd = acmaxSpd;
    }

    /**
     * Set instance vars
     */

    public void setType(String actype)
    {
        this.type = actype;
    }

    public void setMaxSpd(Double acmaxSpd)
    {
        this.maxSpd = acmaxSpd;
    }

    /**
     * Just some getters because why not
     */

    public String getType()
    {
        return this.type;
    }

    public double getMaxSpd()
    {
        return this.maxSpd;
    }
```

```java
/**
 * Calculate the rotation speed assuming a full tank of fuel
 */

public double calcVx()
{
    double vx;
    vx = 0.3 * this.maxSpd;
    return vx;
}

public String toString()
{
    return "This is a " + this.type + " aircraft with a rotation speed of " + this.calcVx() + " knots";
}

public String compareTo(Aircraft otherAircraft)
{
    String otherAircraftType = ((Aircraft) otherAircraft).getType();
    return otherAircraftType;
}
}
```