Test Class

```
theWing.calculateFormFactor(theWing.getAerodynamics().calculateCompressibility(
                    theOperatingConditions.get machCurrent())):
double cD0WingPolar= theWing.getAerodynamics().calculateCd0Parasite();
double oswaldFactor = aircraft.get theAerodynamics().calculateOswald(
theOperatingConditions.get machCurrent(), MethodEnum.HOWE);
System.out.println("oswald factor " + oswaldFactor);
cD0WingPolarArray = new double [alphaStabilityArray.size()];
cDiWingPolarArray = new double [alphaStabilityArray.size()];
cDWaweWingPolarArray = new double [alphaStabilityArray.size()];
cDWingPolarArray = new double [alphaStabilityArray.size()];
for (int i=0; i<alphaStabilityArray.size(); i++){
double cLLocal = theCLWingCalculator.nasaBlackwellAlphaBody(
                   Amount.valueOf(Math.toRadians (alphaStabilityArray.get(i)), SI.RADIAN));
cD0WingPolarArray[i] = cD0WingPolar;
cDiWingPolarArray[i] = (Math.pow(cLLocal, 2))/(Math.PI * theWing.get aspectRatio() * oswaldFactor);
cDWaweWingPolarArray[i] = theWing.getAerodynamics().getCalculateCdWaveDrag()
                           .lockKorn(cLLocal, theOperatingConditions.get machCurrent());
cDWingPolarArray[i] = cD0WingPolar + cDiWingPolarArray[i] + cDWaweWingPolarArray[i];
```

