

SQL

```
SELECT qryDynamic.ProjectName, qryDynamic.TimeT, qryDynamic.Vmps, qryDynamic.DistanceM,  
qryDynamic.Acceleration, qryDynamic.DistanceFt, qryDynamic.Vmph, qryDynamic.Vkph, qryDynamic.Thrust,  
qryDynamic.Fd, qryDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed  
FROM qryDynamic  
GROUP BY qryDynamic.ProjectName, qryDynamic.TimeT, qryDynamic.Vmps, qryDynamic.DistanceM,  
qryDynamic.Acceleration, qryDynamic.DistanceFt, qryDynamic.Vmph, qryDynamic.Vkph, qryDynamic.Thrust,  
qryDynamic.Fd, qryDynamic.Jimpulse, [TInstantSpeed]*1000, qryDynamic.ID  
ORDER BY qryDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfImpulse, tblAdvanced.MaxOfInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfImpulse, tblAdvanced.MaxOfInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfImpulse	Double	8
MaxOfInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.BattLifeSec, tblAdvanced.BattLifeMin, tblAdvanced.Current
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.BattLifeSec, tblAdvanced.BattLifeMin, tblAdvanced.Current;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmmp	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8
BattLifeSec	Double	8
BattLifeMin	Double	8
Current	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.BattLifeSec, tblAdvanced.BattLifeMin
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.BattLifeSec, tblAdvanced.BattLifeMin;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmmp	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8
BattLifeSec	Double	8
BattLifeMin	Double	8

SQL

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SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.Current
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.Current;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmmp	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8
Current	Double	8

SQL

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SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.Current
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.Current;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8
Current	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.Current
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.Current;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmmp	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8
Current	Double	8

SQL

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SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.Current
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff,
tblAdvanced.Current;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmmp	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8
Current	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJerk, tblAdvanced.MaxOfInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJerk, tblAdvanced.MaxOfInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJerk	Double	8
MaxOfInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

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SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
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Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
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MaxOfVkph	Double	8
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MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

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SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
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Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
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MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

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SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
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Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

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SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmmp	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmmp	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfImpulse, tblAdvanced.MaxOfInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfImpulse, tblAdvanced.MaxOfInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfImpulse	Double	8
MaxOfInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmmp,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmmp	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff
FROM tblAdvanced
GROUP BY tblAdvanced.Run, tblAdvanced.ProjectName, tblAdvanced.MotorName, tblAdvanced.PropName,
tblAdvanced.MaxOfTimeT, tblAdvanced.MaxOfVmps, tblAdvanced.MaxOfDistanceM,
tblAdvanced.MaxOfAcceleration, tblAdvanced.MaxOfDistanceFt, tblAdvanced.MaxOfVmph,
tblAdvanced.MaxOfVkph, tblAdvanced.MaxOfThrust, tblAdvanced.MaxOfFd, tblAdvanced.MaxOfMomentum,
tblAdvanced.MaxOfJimpulse, tblAdvanced.MaxOfTInstantSpeed, tblAdvanced.MaxOfJerk,
tblAdvanced.MaxOfYank, tblAdvanced.MaxOfSpeedDist, tblAdvanced.Power, tblAdvanced.Eff;
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
Power	Double	8
Eff	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed, tblDynamic.Power,  
tblDynamic.Current, tblDynamic.MaxMotorPower  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.Power, tblDynamic.Current,  
tblDynamic.MaxMotorPower, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8
Power	Double	8
Current	Double	8
MaxMotorPower	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed, tblDynamic.Momentum  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.Momentum, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8
Momentum	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed, tblDynamic.Jerk,  
tblDynamic.Yank  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.Jerk, tblDynamic.Yank, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8
Jerk	Double	8
Yank	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed, tblDynamic.Momentum  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.Momentum, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8
Momentum	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed, tblDynamic.Power,  
tblDynamic.Current, tblDynamic.MaxMotorPower  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.Power, tblDynamic.Current,  
tblDynamic.MaxMotorPower, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8
Power	Double	8
Current	Double	8
MaxMotorPower	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed, tblDynamic.Momentum  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.Momentum, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8
Momentum	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed, tblDynamic.Yank  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.Yank, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8
Yank	Double	8

SQL

```
SELECT tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000 AS TimeAtSpeed, tblDynamic.Yank  
FROM tblDynamic  
GROUP BY tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,  
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,  
tblDynamic.Fd, tblDynamic.Jimpulse, [TInstantSpeed]*1000, tblDynamic.Yank, tblDynamic.ID  
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Jimpulse	Double	8
TimeAtSpeed	Double	8
Yank	Double	8

SQL

```

SELECT qryStatic.Run, qryDynamic.ProjectName, qryStatic.MotorName, qryStatic.PropName,
Max(qryDynamic.TimeT) AS MaxOfTimeT, Max(qryDynamic.Vmps) AS MaxOfVmps,
Max(qryDynamic.DistanceM) AS MaxOfDistanceM, Max(qryDynamic.Acceleration) AS MaxOfAcceleration,
Max(qryDynamic.DistanceFt) AS MaxOfDistanceFt, Max(qryDynamic.Vmph) AS MaxOfVmph,
Max(qryDynamic.Vkph) AS MaxOfVkph, Max(qryDynamic.Thrust) AS MaxOfThrust, Max(qryDynamic.Fd) AS
MaxOfFd, Max(qryDynamic.Momentum) AS MaxOfMomentum, Max(qryDynamic.Jimpulse) AS MaxOfJimpulse,
Max(qryDynamic.TInstantSpeed) AS MaxOfTInstantSpeed, Max(qryDynamic.Jerk) AS MaxOfJerk,
Max(qryDynamic.Yank) AS MaxOfYank, Max(qryDynamic.SpeedDist) AS MaxOfSpeedDist,
Max(qryDynamic.Power) AS MaxOfPower, [MotorThrust]/([AvgMin(V)]*[Load(A)]) AS Eff,
Max(qryDynamic.Current) AS MaxOfCurrent, Max(qryDynamic.MaxMotorPower) AS MaxOfMaxMotorPower,
Last(qryDynamic.Power) AS LastOfPower, Sum(qryDynamic.Power) AS SumOfPower
FROM qryDynamic INNER JOIN qryStatic ON qryDynamic.ProjectName = qryStatic.ProjectName
GROUP BY qryStatic.Run, qryDynamic.ProjectName, qryStatic.MotorName, qryStatic.PropName,
[MotorThrust]/([AvgMin(V)]*[Load(A)]);
  
```

Columns

Name	Type	Size
Run	Double	8
ProjectName	Text	50
MotorName	Text	50
PropName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfMomentum	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfSpeedDist	Double	8
MaxOfPower	Double	8
Eff	Double	8
MaxOfCurrent	Double	8
MaxOfMaxMotorPower	Double	8
LastOfPower	Double	8
SumOfPower	Double	8

SQL

```
INSERT INTO tblAdvanced ( Run, BattLifeSec, BattLifeMin, ProjectName, MotorName, PropName,
MaxOfTimeT, MaxOfVmmps, MaxOfDistanceM, MaxOfAcceleration, MaxOfDistanceFt, MaxOfVmph, MaxOfVmph,
MaxOfThrust, MaxOfFd, MaxOfMomentum, MaxOfJimpulse, MaxOfTInstantSpeed, MaxOfJerk, MaxOfYank,
MaxOfSpeedDist, Eff, [Current], MaxMotorPower, Power )
SELECT qryAdvanced.Run, ((([Vapplied]*[BattCap]/1000*60*60/[DeltaT]-
[SumOfPower])/([LastOfPower]/[DeltaT])+[MaxOfTimeT]) AS BattLifeSec,
((([Vapplied]*[BattCap]/1000*60*60/[DeltaT]-[SumOfPower])/([LastOfPower]/[DeltaT])+[MaxOfTimeT])/60
AS BattLifeMin, qryAdvanced.ProjectName, qryAdvanced.MotorName, qryAdvanced.PropName,
qryAdvanced.MaxOfTimeT, qryAdvanced.MaxOfVmmps, qryAdvanced.MaxOfDistanceM,
qryAdvanced.MaxOfAcceleration, qryAdvanced.MaxOfDistanceFt, qryAdvanced.MaxOfVmph,
qryAdvanced.MaxOfVmph, qryAdvanced.MaxOfThrust, qryAdvanced.MaxOfFd, qryAdvanced.MaxOfMomentum,
qryAdvanced.MaxOfJimpulse, qryAdvanced.MaxOfTInstantSpeed, qryAdvanced.MaxOfJerk,
qryAdvanced.MaxOfYank, qryAdvanced.MaxOfSpeedDist, qryAdvanced.Eff, qryAdvanced.MaxOfCurrent,
qryAdvanced.MaxOfMaxMotorPower, qryAdvanced.MaxOfPower
FROM qryStatic INNER JOIN qryAdvanced ON qryStatic.ProjectName = qryAdvanced.ProjectName;
```

SQL

```
SELECT qryMaxDynamic.*, qryStatic.ID, qryStatic.PropName, qryStatic.MotorName, qryStatic.AreaTop,
qryStatic.AreaFront, qryStatic.Vmax, qryStatic.TheoreticalVmax, qryStatic.TotalT, qryStatic.MaxPitch,
qryStatic.MaxDist, qryStatic.BattCap, ((([Vapplied]*[BattCap]/1000*60*60/[DeltaT]-
[SumOfPower])/([LastOfPower]/[DeltaT])+[MaxOfTimeT]) AS BattLifeSec,
((([Vapplied]*[BattCap]/1000*60*60/[DeltaT]-[SumOfPower])/([LastOfPower]/[DeltaT])+[MaxOfTimeT])/60
AS BattLifeMin
FROM qryStatic INNER JOIN qryMaxDynamic ON qryStatic.ProjectName = qryMaxDynamic.ProjectName;
```

Columns

Name	Type	Size
ProjectName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfMomentum	Double	8
MaxOfSpeedDist	Double	8
MaxOfMaxMotorPower	Double	8
MaxOfPower	Double	8
SumOfPower	Double	8
LastOfPower	Double	8
ID	Long Integer	4
PropName	Text	50
MotorName	Text	50
AreaTop	Double	8
AreaFront	Double	8
Vmax	Double	8
TheoreticalVmax	Double	8
TotalT	Double	8
MaxPitch	Double	8
MaxDist	Double	8
BattCap	Double	8
BattLifeSec	Double	8
BattLifeMin	Double	8

SQL

```
DELETE tblAdvanced.*  
FROM tblAdvanced;
```

SQL

```
DELETE tblDynamic.*  
FROM tblDynamic;
```

SQL

```
DELETE tblQuadVelocity.*  
FROM tblQuadVelocity;
```

SQL

```
DELETE tblStatic.*  
FROM tblStatic;
```

SQL

```
DELETE tblStaticBackup.*  
FROM tblStaticBackup;
```

SQL

```
DELETE tblStaticUpdate.*  
FROM tblStaticUpdate;
```


SQL

```
SELECT tblDynamic.ID, tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps, tblDynamic.DistanceM,
tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph, tblDynamic.Thrust,
tblDynamic.Fd, tblDynamic.Momentum, tblDynamic.Jimpulse, tblDynamic.TInstantSpeed, tblDynamic.Jerk,
tblDynamic.Yank, tblDynamic.SpeedDist, tblDynamic.Power, tblDynamic.Current, tblDynamic.MaxMotorPower
FROM tblDynamic
GROUP BY tblDynamic.ID, tblDynamic.ProjectName, tblDynamic.TimeT, tblDynamic.Vmps,
tblDynamic.DistanceM, tblDynamic.Acceleration, tblDynamic.DistanceFt, tblDynamic.Vmph, tblDynamic.Vkph,
tblDynamic.Thrust, tblDynamic.Fd, tblDynamic.Momentum, tblDynamic.Jimpulse, tblDynamic.TInstantSpeed,
tblDynamic.Jerk, tblDynamic.Yank, tblDynamic.SpeedDist, tblDynamic.Power, tblDynamic.Current,
tblDynamic.MaxMotorPower
HAVING (((tblDynamic.ProjectName) Is Not Null))
ORDER BY tblDynamic.ID;
```

Columns

Name	Type	Size
ID	Long Integer	4
ProjectName	Text	50
TimeT	Double	8
Vmps	Double	8
DistanceM	Double	8
Acceleration	Double	8
DistanceFt	Double	8
Vmph	Double	8
Vkph	Double	8
Thrust	Double	8
Fd	Double	8
Momentum	Double	8
Jimpulse	Double	8
TInstantSpeed	Double	8
Jerk	Double	8
Yank	Double	8
SpeedDist	Double	8
Power	Double	8
Current	Double	8
MaxMotorPower	Double	8

SQL

```
SELECT tblDynamic.ProjectName, Max(tblDynamic.TimeT) AS MaxOfTimeT, Max(tblDynamic.Vmps) AS  
MaxOfVmps, Max(tblDynamic.DistanceM) AS MaxOfDistanceM, Max(tblDynamic.Acceleration) AS  
MaxOfAcceleration, Max(tblDynamic.DistanceFt) AS MaxOfDistanceFt, Max(tblDynamic.Vmph) AS MaxOfVmph,  
Max(tblDynamic.Vkph) AS MaxOfVkph, Max(tblDynamic.Thrust) AS MaxOfThrust, Max(tblDynamic.Fd) AS  
MaxOfFd, Max(tblDynamic.Jimpulse) AS MaxOfJimpulse, Max(tblDynamic.TInstantSpeed) AS  
MaxOfTInstantSpeed, Max(tblDynamic.Jerk) AS MaxOfJerk, Max(tblDynamic.Yank) AS MaxOfYank,  
Max(tblDynamic.Momentum) AS MaxOfMomentum, Max(tblDynamic.SpeedDist) AS MaxOfSpeedDist,  
Max(tblDynamic.MaxMotorPower) AS MaxOfMaxMotorPower, Max(tblDynamic.Power) AS MaxOfPower,  
Sum(tblDynamic.Power) AS SumOfPower, Last(tblDynamic.Power) AS LastOfPower  
FROM qryStatic INNER JOIN tblDynamic ON qryStatic.ProjectName = tblDynamic.ProjectName  
GROUP BY tblDynamic.ProjectName  
ORDER BY tblDynamic.ProjectName;
```

Columns

Name	Type	Size
ProjectName	Text	50
MaxOfTimeT	Double	8
MaxOfVmps	Double	8
MaxOfDistanceM	Double	8
MaxOfAcceleration	Double	8
MaxOfDistanceFt	Double	8
MaxOfVmph	Double	8
MaxOfVkph	Double	8
MaxOfThrust	Double	8
MaxOfFd	Double	8
MaxOfJimpulse	Double	8
MaxOfTInstantSpeed	Double	8
MaxOfJerk	Double	8
MaxOfYank	Double	8
MaxOfMomentum	Double	8
MaxOfSpeedDist	Double	8
MaxOfMaxMotorPower	Double	8
MaxOfPower	Double	8
SumOfPower	Double	8
LastOfPower	Double	8

SQL

```
SELECT tblStatic.MotorName  
FROM tblStatic  
GROUP BY tblStatic.MotorName  
ORDER BY tblStatic.MotorName;
```

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
MotorName	Text	50

SQL

```
SELECT tblStatic.ProjectName  
FROM tblStatic  
GROUP BY tblStatic.ProjectName  
ORDER BY tblStatic.ProjectName;
```

Columns

Name	Type	Size
ProjectName	Text	50

SQL

```
SELECT tblStatic.PropName  
FROM tblStatic  
GROUP BY tblStatic.PropName  
ORDER BY tblStatic.PropName;
```

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
PropName	Text	50

SQL

```
INSERT INTO tblQuadVelocity ( ID, ProjectName, AccMax, AirDensity, AmbientTemp, AreaFront, AreaTop,
BatteryWgt, Cd, CellWgt, CellCt, DeltaT, DiscDia, EffArea, [Eff(g/W)], InstantSpeed, KVE, AvgMaxMotorRPM,
[AvgMin(cells)], [AvgMin(V)], [Load(A)], MaxPitch, MotorAngle, MotorKV, MotorMfg, MotorName,
MotorStatorDia, MotorStatorHgt, MotorThrust, [Power(W)], PropBladeCt, [PropDia(in)], PropName, PropPitch,
Run, TheoreticalVmax, TotalT, VApplied, FrameWgt, Vmax, FrameHeight, FrameLength, FrameWidth,
ArmHeight, ArmLength, ArmWidth )
SELECT tblStatic.ID, tblStatic.ProjectName, tblStatic.AccMax,
[tblStatic]![AmbientTemp]*[tblStatic]![AirDensitySlope]+[tblStatic]![AirDensityIntercept] AS AirDensity,
tblStatic.AmbientTemp, ((([FrameWidth]*[FrameHeight])+(4*[ArmLength]*[ArmHeight]))/1000000 AS
AreaFront,
((([FrameLength]*[FrameWidth])+(3.14159265359*([DiscDia]/2)^2)*4)+(4*[ArmLength]*[ArmWidth]))/100
0000 AS AreaTop, ([CellWgt]/1000)*[CellCt] AS BatteryWgt, tblStatic.Cd, tblStatic.CellWgt, tblStatic.CellCt,
tblStatic.DeltaT, [PropDia(in)]*25.4 AS DiscDia, ([AreaFront]*Cos(((3.14159265359/180*([MaxPitch]-
[MotorAngle]))))+(AreaTop)*Sin(((3.14159265359/180*([MaxPitch]-[MotorAngle]))))) AS EffArea,
[MotorThrust]/[Power(W)] AS [Eff(g/W)], tblStatic.InstantSpeed,
IIf(IsNull([AvgMaxMotorRPM]/[AvgMin(V)])=True,[AvgMaxMotorRPM]/[VApplied],[AvgMaxMotorRPM]/[AvgMin
(V)]) AS KVE, tblStatic.AvgMaxMotorRPM, tblStatic.[AvgMin(cells)], tblStatic.[AvgMin(V)], tblStatic.[Load(A)],
(Atn(-((([FrameWgt]/1000)+[BatteryWgt])/[TotalT])/Sqr(-
((([FrameWgt]/1000)+[BatteryWgt])/[TotalT])*((([FrameWgt]/1000)+[BatteryWgt])/[TotalT])+1))+2*Atn(1))
*180/3.14159265359 AS MaxPitch, tblStatic.MotorAngle, tblStatic.MotorKV, tblStatic.MotorMfg,
tblStatic.MotorName, tblStatic.MotorStatorDia, tblStatic.MotorStatorHgt, tblStatic.MotorThrust,
tblStatic.[Power(W)], tblStatic.PropBladeCt, tblStatic.[PropDia(in)], tblStatic.PropName, tblStatic.PropPitch,
tblStatic.Run, [VApplied]*[KVE]*[PropPitch]*60/12/5280*Sin([MaxPitch]*3.14159265359/180) AS
TheoreticalVmax, [MotorThrust]/1000*4 AS TotalT,
IIf(IsNull([AvgMin(V)]/[AvgMin(cells)]*[CellCt])=True,[CellCt]*4,[AvgMin(V)]/[AvgMin(cells)]*[CellCt]) AS
VApplied, tblStatic.FrameWgt, [TheoreticalVmax]/2.236936 AS Vmax, tblStatic.FrameHeight,
tblStatic.FrameLength, tblStatic.FrameWidth, tblStatic.ArmHeight, tblStatic.ArmLength, tblStatic.ArmWidth
FROM tblStatic;
```

SQL

```

SELECT tblStatic.ID, tblStatic.ProjectName, tblStatic.AccMax,
[tblStatic]![AmbientTemp]*[tblStatic]![AirDensitySlope]+[tblStatic]![AirDensityIntercept] AS AirDensity,
tblStatic.AmbientTemp, ((([FrameWidth]*[FrameHeight])+(4*[ArmLength]*[ArmHeight]))/1000000 AS
AreaFront,
((([FrameLength]*[FrameWidth])+([PropBladeCt]*([DiscDia]/2*[DiscWidth])*4)+(4*[ArmLength]*[ArmWidth])
)/1000000 AS AreaTop, ([CellWgt]/1000)*[CellCt] AS BatteryWgt, tblStatic.Cd, tblStatic.CellWgt,
tblStatic.CellCt, tblStatic.DeltaT, [PropDia(in)]*25.4 AS DiscDia,
([AreaFront]*Cos(((3.14159265359/180*([MaxPitch]-
[MotorAngle])))))+([AreaTop]*Sin(((3.14159265359/180*([MaxPitch]-[MotorAngle])))))) AS EffArea,
[MotorThrust]/[Power(W)] AS [Eff(g/W)], tblStatic.InstantSpeed,
IIf(IsNull([AvgMaxMotorRPM]/[AvgMin(V)])=True,[AvgMaxMotorRPM]/[VApplied],[AvgMaxMotorRPM]/[AvgMin
(V)]) AS KVE, tblStatic.AvgMaxMotorRPM, tblStatic.[AvgMin(cells)], tblStatic.[AvgMin(V)], tblStatic.[Load(A)],
(Atn(-((([FrameWgt]/1000)+[BatteryWgt])/[TotalT]))/Sqr(-
((([FrameWgt]/1000)+[BatteryWgt])/[TotalT]))*((([FrameWgt]/1000)+[BatteryWgt])/[TotalT])+1))+2*Atn(1)
*180/3.14159265359 AS MaxPitch, tblStatic.MotorAngle, tblStatic.MotorKV, tblStatic.MotorMfg,
tblStatic.MotorName, tblStatic.MotorStatorDia, tblStatic.MotorStatorHgt, tblStatic.MotorThrust,
tblStatic.[Power(W)], tblStatic.PropBladeCt, tblStatic.[PropDia(in)], tblStatic.PropName, tblStatic.PropPitch,
tblStatic.Run, [VApplied]*[KVE]*[PropPitch]*60/12/5280*Sin([MaxPitch]*3.14159265359/180) AS
TheoreticalVmax, [MotorThrust]/1000*4 AS TotalT,
IIf(IsNull([AvgMin(V)]/[AvgMin(cells)]*[CellCt])=True,[CellCt]*4,[AvgMin(V)]/[AvgMin(cells)]*[CellCt]) AS
VApplied, tblStatic.FrameWgt, [TheoreticalVmax]/2.236936 AS Vmax, tblStatic.FrameHeight,
tblStatic.FrameLength, tblStatic.FrameWidth, tblStatic.ArmHeight, tblStatic.ArmLength, tblStatic.ArmWidth,
tblStatic.DiscWidth, tblStatic.MotorWgt, tblStatic.InFrame, tblStatic.MaxDist, tblStatic.Run, tblStatic.[Load(A)]
AS Load, tblStatic.[AvgMin(V)] AS AvgMinV, tblStatic.MaxMotorPower, tblStatic.BattCap
FROM tblStatic;
    
```

Columns

Name	Type	Size
ID	Long Integer	4
ProjectName	Text	50
AccMax	Double	8
AirDensity	Double	8
AmbientTemp	Double	8
AreaFront	Double	8
AreaTop	Double	8
BatteryWgt	Double	8
Cd	Double	8
CellWgt	Double	8
CellCt	Double	8
DeltaT	Double	8
DiscDia	Double	8
EffArea	Double	8
Eff(g/W)	Double	8
InstantSpeed	Double	8
KVE	Double	8
AvgMaxMotorRPM	Double	8
AvgMin(cells)	Double	8
AvgMin(V)	Double	8
Load(A)	Double	8
MaxPitch	Double	8
MotorAngle	Double	8
MotorKV	Double	8
MotorMfg	Text	50
MotorName	Text	50

MotorStatorDia	Double	8
MotorStatorHgt	Double	8
MotorThrust	Double	8
Power(W)	Double	8
PropBladeCt	Double	8
PropDia(in)	Double	8
PropName	Text	50
PropPitch	Double	8
Expr1034	Double	8
TheoreticalVmax	Double	8
TotalT	Double	8
VApplied	Double	8
FrameWgt	Double	8
Vmax	Double	8
FrameHeight	Double	8
FrameLength	Double	8
FrameWidth	Double	8
ArmHeight	Double	8
ArmLength	Double	8
ArmWidth	Double	8
DiscWidth	Double	8
MotorWgt	Double	8
InFrame	Yes/No	1
MaxDist	Double	8
Run	Double	8
Load	Double	8
AvgMinV	Double	8
MaxMotorPower	Double	8
BattCap	Double	8

SQL

```
INSERT INTO tblStaticBackup ( ID, ProjectName, AirDensitySlope, AirDensityIntercept, AmbientTemp,
CellWgt, DeltaT, AvgMaxMotorRPM, [AvgMin(V)], MotorThrust, MotorAngle, ArmHeight, ArmLength,
ArmWidth, FrameHeight, FrameLength, FrameWidth, FrameWgt, CellCt, Cd, AccMax, PropName, PropPitch,
[PropDia(in)], PropBladeCt, MotorStatorDia, MotorStatorHgt, MotorKV, MotorWgt, MotorName, MotorMfg,
[Load(A)], [Power(W)], Run, InstantSpeed, [AvgMin(cells)], AoA )
SELECT tblStatic.ID, tblStatic.ProjectName, tblStatic.AirDensitySlope, tblStatic.AirDensityIntercept,
tblStatic.AmbientTemp, tblStatic.CellWgt, tblStatic.DeltaT, tblStatic.AvgMaxMotorRPM, tblStatic.[AvgMin(V)],
tblStatic.MotorThrust, tblStatic.MotorAngle, tblStatic.ArmHeight, tblStatic.ArmLength, tblStatic.ArmWidth,
tblStatic.FrameHeight, tblStatic.FrameLength, tblStatic.FrameWidth, tblStatic.FrameWgt, tblStatic.CellCt,
tblStatic.Cd, tblStatic.AccMax, tblStatic.PropName, tblStatic.PropPitch, tblStatic.[PropDia(in)],
tblStatic.PropBladeCt, tblStatic.MotorStatorDia, tblStatic.MotorStatorHgt, tblStatic.MotorKV, tblStatic.MotorWgt,
tblStatic.MotorName, tblStatic.MotorMfg, tblStatic.[Load(A)], tblStatic.[Power(W)], tblStatic.Run,
tblStatic.InstantSpeed, tblStatic.[AvgMin(cells)], tblStatic.AoA
FROM tblStatic;
```

SQL

```
INSERT INTO tblStaticUpdate ( ID, ProjectName, AccMax, AmbientTemp, Cd, CellWgt, CellCt, DeltaT, InstantSpeed, AvgMaxMotorRPM, [AvgMin(cells)], [AvgMin(V)], [Load(A)], MotorAngle, MotorKV, MotorMfg, MotorName, MotorStatorDia, MotorStatorHgt, MotorThrust, [Power(W)], PropBladeCt, [PropDia(in)], PropName, PropPitch, Run, FrameWgt, FrameHeight, FrameLength, FrameWidth, ArmHeight, ArmLength, ArmWidth )
SELECT tblQuadVelocity.ID, tblQuadVelocity.ProjectName, tblQuadVelocity.AccMax, tblQuadVelocity.AmbientTemp, tblQuadVelocity.Cd, tblQuadVelocity.CellWgt, tblQuadVelocity.CellCt, tblQuadVelocity.DeltaT, tblQuadVelocity.InstantSpeed, tblQuadVelocity.AvgMaxMotorRPM, tblQuadVelocity.[AvgMin(cells)], tblQuadVelocity.[AvgMin(V)], tblQuadVelocity.[Load(A)], tblQuadVelocity.MotorAngle, tblQuadVelocity.MotorKV, tblQuadVelocity.MotorMfg, tblQuadVelocity.MotorName, tblQuadVelocity.MotorStatorDia, tblQuadVelocity.MotorStatorHgt, tblQuadVelocity.MotorThrust, tblQuadVelocity.[Power(W)], tblQuadVelocity.PropBladeCt, tblQuadVelocity.[PropDia(in)], tblQuadVelocity.PropName, tblQuadVelocity.PropPitch, tblQuadVelocity.Run, tblQuadVelocity.FrameWgt, tblQuadVelocity.FrameHeight, tblQuadVelocity.FrameLength, tblQuadVelocity.FrameWidth, tblQuadVelocity.ArmHeight, tblQuadVelocity.ArmLength, tblQuadVelocity.ArmWidth
FROM tblQuadVelocity
WHERE (((tblQuadVelocity.ID)=[Forms]![Quad Velocity]![ProjectInfo].[Form].[txtID]));
```

Query Parameters

<u>Name</u>	<u>Type</u>
[Forms]![Quad Velocity]![ProjectInfo].[Form].[txtID]	Text

SQL

```
INSERT INTO tblStatic ( ID, ProjectName, AirDensitySlope, AirDensityIntercept, AmbientTemp, CellWgt,
DeltaT, AvgMaxMotorRPM, [AvgMin(V)], MotorThrust, MotorAngle, ArmHeight, ArmLength, ArmWidth,
FrameHeight, FrameLength, FrameWidth, FrameWgt, CellCt, Cd, AccMax, PropName, PropPitch, [PropDia(in)],
PropBladeCt, MotorStatorDia, MotorStatorHgt, MotorKV, MotorWgt, MotorName, MotorMfg, [Load(A)],
[Power(W)], Run, InstantSpeed, [AvgMin(cells)], AoA )
SELECT tblStaticUpdate.ID, tblStaticUpdate.ProjectName, tblStaticUpdate.AirDensitySlope,
tblStaticUpdate.AirDensityIntercept, tblStaticUpdate.AmbientTemp, tblStaticUpdate.CellWgt,
tblStaticUpdate.DeltaT, tblStaticUpdate.AvgMaxMotorRPM, tblStaticUpdate.[AvgMin(V)],
tblStaticUpdate.MotorThrust, tblStaticUpdate.MotorAngle, tblStaticUpdate.ArmHeight,
tblStaticUpdate.ArmLength, tblStaticUpdate.ArmWidth, tblStaticUpdate.FrameHeight,
tblStaticUpdate.FrameLength, tblStaticUpdate.FrameWidth, tblStaticUpdate.FrameWgt, tblStaticUpdate.CellCt,
tblStaticUpdate.Cd, tblStaticUpdate.AccMax, tblStaticUpdate.PropName, tblStaticUpdate.PropPitch,
tblStaticUpdate.[PropDia(in)], tblStaticUpdate.PropBladeCt, tblStaticUpdate.MotorStatorDia,
tblStaticUpdate.MotorStatorHgt, tblStaticUpdate.MotorKV, tblStaticUpdate.MotorWgt,
tblStaticUpdate.MotorName, tblStaticUpdate.MotorMfg, tblStaticUpdate.[Load(A)], tblStaticUpdate.[Power(W)],
tblStaticUpdate.Run, tblStaticUpdate.InstantSpeed, tblStaticUpdate.[AvgMin(cells)], tblStaticUpdate.AoA
FROM tblStaticUpdate;
```