

## Session 1: Exercise

- 1 Open *Land Speed Records* from your sample files folder.
- 2 Convert the range A1:F13 into a table.
- 3 Name the table *SpeedRecord*.
- 4 Use a simple filter to only show speed records achieved at Bonneville Salt Flats.
- 5 Remove the filter to show all speed records.
- 6 Use an advanced filter to show speed records:
  - At Bonneville Salt Flats that are greater than 575 mph.
  - Together with all records held by Tom Green (irrespective of location and top speed).

Another way of expressing this is:

**Where location = Bonneville Salt Flats AND MPH > 575  
OR where Driver = Tom Green.**

Here's the result set you should see:

	A	B	C	D	E	F
5	Date	Location	Driver	Vehicle	Power	MPH
7	05-Oct-64	Bonneville Salt Flats	Tom Green	Wingfoot Express	Turbojet	413.199
13	07-Nov-65	Bonneville Salt Flats	Art Arfons	Green Monster	Turbojet	576.553
14	15-Nov-65	Bonneville Salt Flats	Craig Breedlove	Spirit of America - Sonic 1	Turbojet	600.601
15	23-Oct-70	Bonneville Salt Flats	Gary Gabelich	Blue Flame	Rocket	622.407

- 7 Remove the advanced filter to show all records and remove any rows that you may have added for the advanced filter criteria.
- 8 Sort the table A-Z, first by *Location* and then by *Driver*.
- 9 Add a total row to the table and use the MAX function to display the maximum value in column F.
- 10 Type **Km/h** into cell G1.
- 11 Use a formula containing a structured reference to show speeds in kilometers per hour in column G.
- 12 Save your work as *Land Speed Records-2*.

	A	B	C	D	E	F	G
1	Date	Location	Driver	Vehicle	Power	MPH	Km/h
2	15-Oct-97	Black Rock Desert	Andy Green	ThrustSSC	Turbofan	766.000	1232.758
3	04-Oct-83	Black Rock Desert	Richard Noble	Thrust2	Turbojet	633.000	1018.715
4	07-Oct-64	Bonneville Salt Flats	Art Arfons	Green Monster	Turbojet	434.022	698.4907
5	27-Oct-64	Bonneville Salt Flats	Art Arfons	Green Monster	Turbojet	536.710	863.751
6	07-Nov-65	Bonneville Salt Flats	Art Arfons	Green Monster	Turbojet	576.553	927.8721
7	05-Sep-63	Bonneville Salt Flats	Craig Breedlove	Spirit of America	Turbojet	407.447	655.7224
8	13-Oct-64	Bonneville Salt Flats	Craig Breedlove	Spirit of America	Turbojet	468.719	754.3301
9	15-Oct-64	Bonneville Salt Flats	Craig Breedlove	Spirit of America	Turbojet	526.277	846.9607
10	02-Nov-65	Bonneville Salt Flats	Craig Breedlove	Spirit of America - Sonic 1	Turbojet	555.485	893.9665
11	15-Nov-65	Bonneville Salt Flats	Craig Breedlove	Spirit of America - Sonic 1	Turbojet	600.601	966.5736
12	23-Oct-70	Bonneville Salt Flats	Gary Gabelich	Blue Flame	Rocket	622.407	1001.667
13	05-Oct-64	Bonneville Salt Flats	Tom Green	Wingfoot Express	Turbojet	413.199	664.9793
14	Total					766.000	

Land Speed Records

Land Speed Records-1

If you need help  
slide the page to  
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