Moving target leads for shooters using MIL adjustments:

The Dope Disc is capable of calculating the required lead for moving targets. By recording one moving target lead on your card, the lead required for any other target speed or direction of travel is easily found using the Dope Disc.

Ballistic programs often don’t provide a direct value for moving target lead. If your ballistic program provides a time of flight value the excel lead calculator can be used to find the amount of lead. You can use leads gathered for any target speed you wish on your card, but like the basic windage solution values, 20 mph is recommended for maximum accuracy. We have provided card templates for Mil users that wish to include moving target leads in their solutions.

The calculations are performed in a similar fashion to the basic windage solution.
1. Calibrate the Dope Disc on the SPEED side to the lead from your card for the target range.
2. Read the indicator line for the new moving target speed, or add any two speeds that equal the required target speed.
3. Turn the disc to the DIRECTION side and turn the indicator line to the value found in step 2 on the FULL scale.
4. Use the CLOCK DIAGRAM to determine the proper scale to read for the targets direction of travel. The 6 o’clock position is oriented toward the shooter and the center hub represents the position of the target. Choose the scale that relates to the targets direction of travel.
5. Read the value on the indicator line of the scale that corresponds to the chosen direction of travel.

Moving target leads for shooters using MOA adjustments:

Shooters using MOA adjustments will be able to perform lead calculations for targets moving up to 10 mph. The moving target lead calculation for MOA adjustments differs in that the target speed 1-10 mph will be recorded on a card separately from the card containing the windage and elevation values.

Ballistic programs often don’t provide a direct value for moving target lead. If your ballistic program provides a time of flight value the excel lead calculator can be used to find the amount of lead. We have provided a card template to record these values. It is recommended that you make a card for every 2000’ of your expected density altitude range.

The Dope Disc will be used to correct the target leads for direction of travel:
1. On the FULL scale of the DIRECTION side of the disc, turn the indicator line to the lead value from your card for the target range.
2. Use the CLOCK DIAGRAM to determine the proper scale to read for the targets direction of travel. The 6 o’clock position is oriented toward the shooter and the center hub represents the position of the target. Choose the scale that relates to the targets direction of travel.
3. Read the value on the indicator line of the scale that corresponds to the chosen direction of travel.