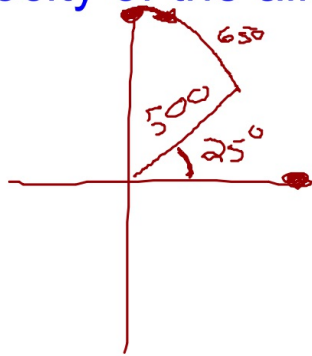


Example:

A DC - 10 jet aircraft is flying on a bearing of 65° at 500mph. Find the component form of the velocity of the airplane.



$$\langle 500 \cos 25^\circ, 500 \sin 25^\circ \rangle$$
$$\langle 453.15, 211.31 \rangle$$