

NAME DATE

	EK:			_		•			LE	2 - 1 1				•											
G۱	/EN:																								
compor of chan (a) W	At the instant shown, the magnitude the airplane's velocity is 130 m/s, its tangential apponent of acceleration is $a_t = -4$ m/s ² , and the rate change of its path angle is $d\theta/dt = 5^{\circ}/s$. What are the airplane's velocity and acceleration in terms of normal and tangential components?														\	θ									
in (b) W	terms o hat is th rplane's	f norma e instan	al and	tang	gentia	al con	npon	ents'	?																
RE	фUII	RED																							
So	LUT	ION	•																						