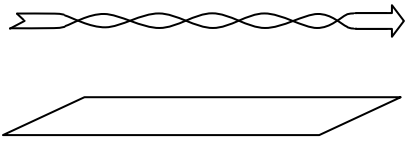
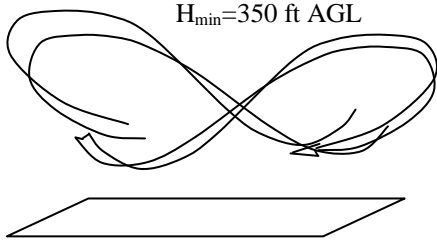
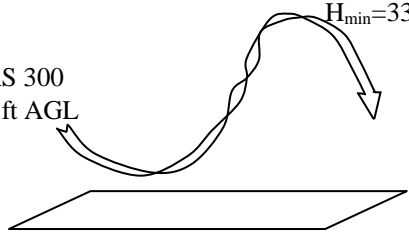
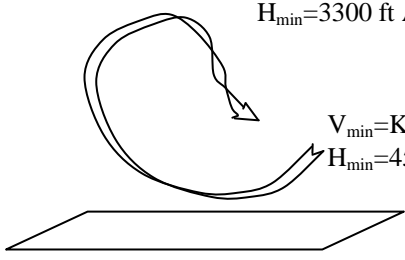
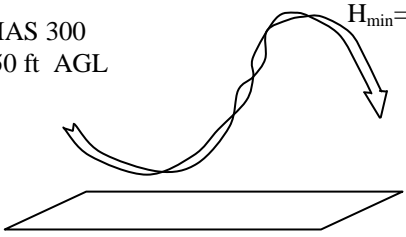
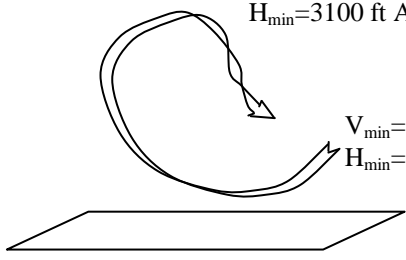
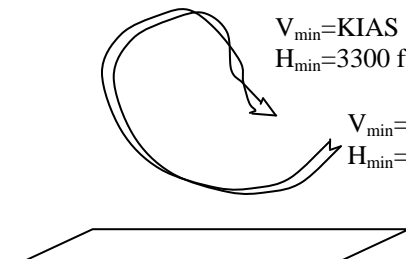
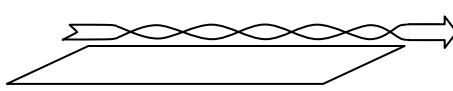


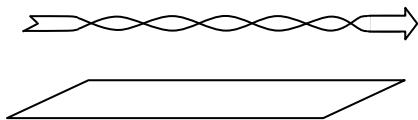
# GRAFICKÝ NÁKRES LETOVÉHO VYSTÚPENIA NA VEREJNOSTI na lietadle L-39 CM, ZAM

pplk. Ing. Roman POLÁČEK, 2011

<p><b>1. Let na chrbte, výkrut</b></p> <p><math>V_{\min} = \text{KIAS} 215</math> <math>H = 350 \text{ ft AGL}</math></p> 	<p><b>2. Horizontálne zatáčky</b></p> <p><math>V_{\min} = \text{KIAS} 215</math> <math>H_{\min} = 350 \text{ ft AGL}</math></p> 
<p><b>3. Zvrat zo stúpania 60°, výkrut</b></p> <p><math>V_{\min} = \text{KIAS} 80</math> <math>H_{\min} = 3300 \text{ ft AGL}</math></p> <p><math>V_{\min} = \text{KIAS} 300</math> <math>H_{\min} = 350 \text{ ft AGL}</math></p> 	<p><b>4. Premet</b></p> <p><math>V_{\min} = \text{KIAS} 80</math> <math>H_{\min} = 3300 \text{ ft AGL}</math></p> <p><math>V_{\min} = \text{KIAS} 300</math> <math>H_{\min} = 450 \text{ ft AGL}</math></p> 
<p><b>5. Zvrat zo stúpania 60°, výkrut</b></p> <p><math>V_{\min} = \text{KIAS} 80</math> <math>H_{\min} = 3300 \text{ ft AGL}</math></p> <p><math>V_{\min} = \text{KIAS} 300</math> <math>H_{\min} = 450 \text{ ft AGL}</math></p> 	<p><b>6. Šikmý premet</b></p> <p><math>V_{\min} = \text{KIAS} 80</math> <math>H_{\min} = 3100 \text{ ft AGL}</math></p> <p><math>V_{\min} = \text{KIAS} 300</math> <math>H_{\min} = 450 \text{ ft AGL}</math></p> 
<p><b>7. Premet o 270°, štandardná zatáčka o 270°</b></p> <p><math>V_{\min} = \text{KIAS} 80</math> <math>H_{\min} = 3300 \text{ ft AGL}</math></p> <p><math>V_{\min} = \text{KIAS} 300</math> <math>H_{\min} = 450 \text{ ft AGL}</math></p> 	<p><b>8. Výkruty, štandardná zatáčka o 270°</b></p> <p><math>V_{\min} = \text{KIAS} 215</math> <math>H_{\min} = 350 \text{ AGL}</math></p> 

## 9. Výkrut na doby

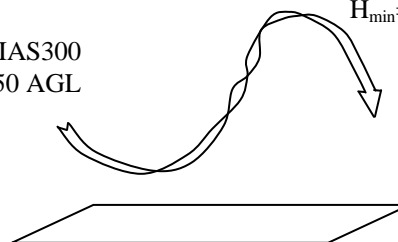
$V_{\min} = KIAS215$   
 $H_{\min} = 350 \text{ AGL}$



## 10. Zvrat zo stúpania $60^\circ$ , výkrut

$$\begin{aligned} V_{\min} &= \text{KIAS } 300 \\ H_{\min} &= 350 \text{ AGL} \end{aligned}$$

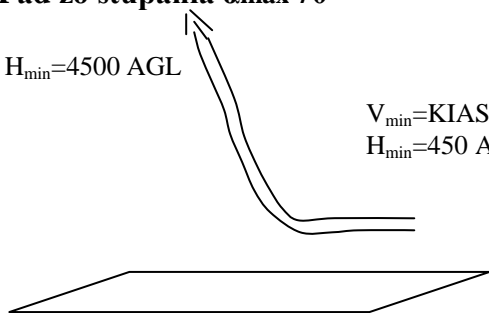
V<sub>min</sub>=KIAS 80  
H<sub>min</sub>=3300 ft AGL



## 11. Pád zo stúpania $\alpha_{\max} 70^\circ$

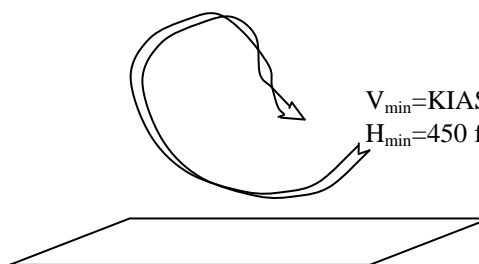
H<sub>min</sub>=4500 AGL

$V_{\min} = KIAS300$   
 $H_{\min} = 450 \text{ AGL}$



## 12. Súvrat $\alpha_{\max} 70^\circ$

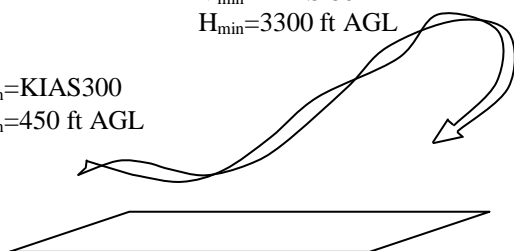
$$H_{\min}=4000$$
$$V_{\min} = KIAS300$$

$$H_{\min} = 450 \text{ ft AGL}$$


### 13. Odtlačenie v stúpaní, zvrat

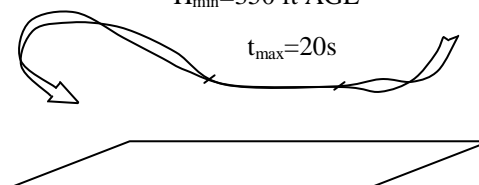
V<sub>min</sub>=KIAS 80  
H<sub>min</sub>=3300 ft AGL

V<sub>min</sub>=KIAS300  
H<sub>min</sub>=450 ft AGL



## 14. Let na chrbte, štandardná zatačka

V<sub>min</sub>=KIAS 215  
H<sub>min</sub>=350 ft AGL

 $t_{\max}=20\text{s}$ 

## BEZPEČNOSTNÉ POKYNY:

H<sub>min</sub>= 450 ft AGL vertikálne prvky, 350 ft AGL horizontálne prvky

H<sub>min</sub> kles. prvkov:      zvrat:        3300 ft QFE  
  polozvrat: 2000 ft QFE

Vzát  $\beta=70^\circ$ : 215 KIAS

Vchod do stúpania min. 300 KIAS

$$V_{\min} = 80 \text{ KIAS}$$
$$Q_{\min} = 450 \text{ kg}$$

**NÁCVIKY: trenažér, 1x H=1700 ft, 1x H=1400 ft, 1x H=1000 ft, 1x H=700 ft, 1x H=330 ft.**

### POVETERNOSTNÉ PODMIENKY:

NPP :            QBA: 5 km  
                      QBB: 5000 ft

ZPP : QBA: 4 km  
OBB: 4000 ft

ZPP min : QBA: 3 km  
QBB: 2600 ft