



9, )25(,\*1 /\$1\*8\$( FUHGLWV PLQLPXP XPÀ\*1 "Ó eHA viE

3UHIL[	1XPEHU	6HPHVWHU &RPS	S&RFPHQ WV
63\$1	± <sup>VW</sup> <HDU ,		
63\$1	± <sup>VW</sup> <HDU ,,		
63\$1	± <sup>QG</sup> <HDU ,		
63\$1	± <sup>QG</sup> <HDU ,,		

9,, \$33529(' 4%86,1(66 (/(&7,9(6 FUHGLWV

7KXVH FRXUVHV IXOILOO D UHJLRQDO WUDFN FRQVLVWHQW ZLWK WKH ODQJX

1R	&RXUVH	6HPHVWHU &RPS	S&RFPHQ WV
	63\$1 ±6SDQLVK &RQYHUVDWLRQ		
	63\$1 ±6SDQLVK \$PHU &XOWXUH &LYLOLJDWLRQ 3UHUHTX63\$1WH		
	36& (±3ROLWLFDO 6\ VWHPV RI /DWLQ \$PHULFD +,67 ±5HOLJLRQ 6RFLHW\ LQ /DWLQ \$PHULFD 25&20		

1RW:HLWK WKH DGGLWLRQ RI PRUH FUHGLWV 63\$1 DQG W

Major Advisor

6WXGHQW 6XFFH' %XVLQHVV\$GYLVLQ - \$%

9LWLVWS FDWDOU &XW DQXHG 0LQRU UHTXLUHPHQWV DQG &RXUVH 'H  
&RQWDFW WKH 6WXGHQW 6XFFHVMR &RQWUHLQWRUPDWLRQ

,7 ,@2855(63216,%/,7< 72 &+( &. <285 \$&\$'(0,& \$'9,6,1\* 5(3257 21 0\1(9\$'\$ )25 \$& &85