

H\YG dYfgna a Yfn \`VfW]hhcdc`c[mkUg[fUbhXUI 'G'dUhbh]b' %-(žUbXkUgh\YfYg`hcZ%'mUfgcZ'YZcfhVm`Y[YbXLfmUbUc[' XYg][bYf`UbX Wa dUbmZci bXff`BYgcb`DUgg'' H\Y Ua d`]ZYf`i gYg \][\ma UWXXWa dcbYblg]b'UWUggWingla d`Ygb[`YYbXXX7Ugg 5 VfW]h''H\YUa d`]ZYf WbHJbgcb'mtkc gla d`YgH[Yg h\YZfgh]gU VUbWX7Ugg 5 [Ub gH]Y''=lgci hdi hXfj YgUVUb_cZ'\][\'dckYf' XYj]WgcdYfUhXUgZ``ckYg''

H\YgYUY]b\YfYbhmck Xlgtcfl;cbhmYgcZVfW]bğVihhYfdYfZcf! a UbW]gg[b]ZWbhm]a dfcjYXk\YbcdYUHXUgVUUbWXXJjWg 8]gtcfl;cbUbXbc]gY]XbhWitcVch\UjYgcZUVUUbWXVfWhWb VYa UXYlcXlgUddYUTUhAYcihdibžUbX]bUkY`!aUWXXgmaaYfjW VfW]bžacghcZh\YXlgtcfl;cbUbXbc]gY]g]XbhJW"

 $\label{eq:linear} Deg @UcfUrcf]Yg G dYfgra a Yfm Yb \UbWg h]g YZYM Vmdfcj [X] \\ |b[UWbbYM cb VYh Yb h Yh c `Uj Yg cZ h Y UUbWX VfW]hh Uh Z fh Yf dYfZW g h Y a UW cZ Wa a cb a cXY Uf JZW g `5bmX g rcf! \\ |cb UbX bc]gY bchUf YU m]Xbh W hc h Yh c `Uj Yg]g a UY a cfY [Xbh W `WnUZW cf cZ U/ci h% "H \Yf Yg `hcZ h]g dYfZW XX a UW [g] a dfcj YX bc]gY WbW `Uj cb Uhh Yci hdi hcZ h Yla d`[ZYf'': fca `U `]g hb Yg g UbX dc]bhh]g f Yg `lg]b Ua cfYUW fUY df Yg bh H c Z h Y a cfY g i b Xg U YUbX V/hh f f Yg `i hcb cZ `ck `Yj Y Xh]"$

I b`_YZYXVUWhWb]ei Ygk \YfYhY[cU`]ghc WffYMZcfhYX]ghcf! hcb VnZYX]b[U[U]bgtU[Yb]]bj YfgYnX]ghcfhXXg[bUZGi dYfgna a Y! hfn‡gYY_ga YfYnthc WMUY dYfZWMa UW]b[VYhkYbh\Yhkc`\Uj Yg cZUbch\Yfk]gYkY``a UWYXVJfW]h

A UWYXVUbWXdck Y V/W/lfmml]W mgYgUX/gtcfl;cb UbXbc]gY fYXi Wjcb cZ U/ci h - \$i fR\$ X6E h fci [\ U VUbVX WbbYMjcb k]h ci hUmUX/ljcbU YZcfl" H\YG dYfgn a Yfm V/W/hXY]j Yfg Ubch Yf - \$i fYXi Wjcbžgc hUhh YL gyf]/g\Ug U/ci h%#%\$\$ cZ h Y Xlgtcfl;cb cZ U/wbj Ybl;cbU mga d Y UbX ch Yfk]gY [Xbh]W Ua d]! ZYf" 8]gtcfl;cb UbXbc]gYWb g1``VYgYb Uhh Yci hti hcZ cbY\UZ cZ h YV/W/lžVi hg]bW]h]gj]fh Um]XYbl;W cb h Ych Yf \UZzh YgYi b! XlgfUVYUf]ZWg U[Ym[c Uk UnUhh YgYU_Yf hfa]bUg' H\]g[]j Yg [ccXa YUg fYXdYZcfa UbWzUbXVYW gYUga d`YV/W]hdfcXi Wg]hž Ug; gci bXgei]YhYI W`Ybh Dfyj]ci gmh YgY_]bXg cZ gla d`Y 7 Ugg 5 'WfW]lg \U Y VYb dcdi `Uf Zcf `h Yf gci bX ei U]lmi]b `ck dck Yf `Ua d`]ZYfgž Vi h \U Y bch Zci bX Udd`]Wh]cb `Ui \][\`dck Yf `Yj Yg Xi Yhc `Y Wggj Y X]grcfh]cb `UbX `ck ` YZJWbWn `G dYfgna a Yfmh `cj YfWa Yg h]g VUff]Yfž XY]j Yf]b[`h Y gk YfbYggž gfu]]b[žUbX XYfu] `cZ'j Yfmgla d`Y VfW]fmi d`hc `_]`ck Uhi dck Yf `Yj Yg UbX V/mbX'

H\YL") Gf[}gLad`]ZYfg\UYhYhYaYbXcigXnbLa]WfUb[Yf2%(\$ X6Ehc Xc~ig]WhchY\][\!fYgc`ihcbX][]U fYWfX]b[gcZhY&gh 7Ybh fmUbXhYYY[UWhcfYlf]YjYhYa]Wic XnbLa]WgcZXfYXVm hYa cgigYbg[hjY`ciXgdYU_Yfg'''H\YgadYVhdckYfZ`'WW]fm a cjYgYLg`mZca~lchU g`YbW lc~YhdcgjYhfUbgYbhUbXVUV lc g`YbW k]hcihUhfUW UbX k]hcih]bZcfaUhcb`cgg'' JYfmib`]_Y WbjYbhcbU`\][\dckYfLad`]ZYfgihYmdfcj]XYh]g`YYcZdckYf k]hUgVhYmVZ[h]b['gcaYcZhYVYhffhVYLad`]ZYfg'H\]gdYf! ZcfaUbW]gWbgghbWUKcgghYUX]c gfYMfiaUbXhYLad`]ZYfg UYi bWbX[h]cbU'mgHVY]bhcU`gfYLYf`cUXg

Gc fYU UbXYb/cmmi f Ua d`]ZYf" 7U`i g]Zmi YjYf \UjYUdfcVYa cf ei Ygf]cb" Mci UfYkYWa Yhc Ug_ei Ygf]cbg cf cZZff W/a a Ybhg' H\Ub_mi Zcf Vin]b[ci f dfcXiWi @MỹHU_UVci h57 dck Yf fYei]fYa Ybhg' H\]gUa d`]ZYf XfUk gUVci h ' La dg fl&bh]bi ci g fa gLUh%&5 j c`hg ci hcZ h\YkU`Xi f]b[bcfa U cdYfUjcbž UbX h]g dck Yf XfUk fYZYMg a cghmh Y [XY WffYbhh\Uh k Yfi b h\fci [\ h\Yci hdi hgfU[Y' =Zmi UfYXf]j]b[U`ck]a dXXUbW `cUYžmi k]``XfUk a cfYdck Yf h\Ub h]gžVi hh\]gk]``bchVYhnd]W''

H\YDUgg@UvcfUrcf]Yg L&S)]gdfcj]XXXk]h UWbj YbhcbU=97 XHUWUY57]bYWfXžk \]W]gfUhXUh%) Ua dg H\Yg Zhm[fci bX]gUhUWYXhc h\YWUgg]g]b h\YWbj YbhcbU Uddfcj YXa UbbYf" H\Y 57 dck Yf]bdi hhc h\YUa d`]ZYf fi bg h{fci [\UF: Z]hYfžk \]WfY! a cj Yg\][\ZYei YbWrbc]gYWa]b[]bhc UbX[c]b[ci hcZhYUa d`]! ZYf dck Yf g dd m

I bXYf bc V/fWa głubWgg\ci Xmi XZYUh\Y[fci bXWbbYWjcb cZ hYdck Yf WfX'': cf mi fgZ/hźh\YWUgggcZh\YUa d`]ZYfg\ci XVY YUfh [fci bXXX''C][bU'[fci bX]g]gc UhXZfca WUgggzgZhm[fci bXž hc fYXi W h\Y]bVJXbW cZ [fci bX `ccd bc]gY'' H\Y dfYgbW cZ U gZhm[fci bXk]``bchXY[fUXYh\YU X]c g][bU'WU]b'''

Mci a Ung Vg]h hYUb UZhfa Uf_YhXYIUWUYY=97 * &\$gmYdck Yf WfX cZmi f Wccgb[/dfcj]XXX]h]gfUhXZcf Un YLgh% La dgUbX]ha YHgU`` Y[U fYei]fYa YblgUbX \LgVYb Uddfcj YXVnh Y`cW hgf]b[U h.cf]hm Zcf g W h.]b[g

@cc_]b[`UnhYfYUf`dUbY`mi`k]``gYYhY=97''&\$`57`dckYf`WfX fYWdHWWZUhYfaU`aUbYfWUfYU_Yf`gk]HWZhkc`dUfgcZcihdihWb! bYWcfgZUdUf`cZV]bX]b[`dcghWbbYWcfgZcffYachYhifb!cbZcbYF75`]bdihWbbYWcffUbXcbYL@F`WUbWX]bdihWbbYWcf'

AUYg fYhUnhYVfYUYf gk hW gcZffXck bE" Di [hY57 WfX]bhc

hYWWcZhYUad [ZYfzUbXhYb]bhchYkU" H\YbhfbhYVfYUY gk]fWcbfidE H\Y`[[\hg]bmif\cigYk]``V]b_k\YbhYdckYfgd! d`mWf[YghYWdW/cfg/h]g]gbcfaU"H\]gaUbYfWfYUYfgk]fW]gbchhc WigYXUgUgZhmXgWbbYWXXf]b[`gffj]Mb[`UbX]gbchU gVg]hhYZcfibdi[[]b[`hYdckYfWfX'

C b hYZcbhdUbYžhYÎCHbX/hi @98]bXJWrcf g ci XVY [ck]b[Vi Yž]bXJWJb[hUhhYdck Yf]g cb" H\YÎDck YÎ @98 g ci XbchVY cb" =ZhYÎDck YÎ @98]g cbžXcbÑ[YhY] VJAXži g i gYhYZcbhdUbY głUbXVnM hcb hc [c]bhc głUbXVma cX/žk]h hYÎCHbX/hi @98 cb UbXhYÎDck YÎ @98 cZZ

C? žgc h\YLa d`[Z]\ff`]gg[h]b[h\YfY]b`gHbXVma cXYk]h\`i ghh\Ygb[Y Vi Y@98 ``]h``B c`gHYL_Yf WobbYMX žUgmhf` Mci Wb[c`U.YLXUbXWb! bYMh\Ygci fWUbXgHYL_Yfg'` Gca YgHYL_Yf`WVYgUYJ YmXJZJW'hhc` kcf_ k]h.`Xi Yhc`d\ngWU`gmYUbXWbgfi Wjcbža U_Yg fYh\YgHYL_Yf` WobbYMjcbgXc`bchg\cfhhc[Yh\Yf'`=h]gfYWa a YbXYXhUhmi WobYMi h\YgHYL_Yf`bXgcZh\YgYWVYgZfgj'i

Gca Ydck YfXg VkccZfgfYei JfYUbU Xcg[[bU][fci bXfYZfYbWUbX hYfa U_Yfga Ung [[YghkUbUVUYgYU_YfMfa]bU]gk\YfYh]gjcH UYfYZfYbWa][\hVYZci bX'C bWa dYa YbHfmXYg[[bgik\]Wkci X VYmd]W cZ U`dck Yf Ua dgdfcX VX VmDUgg@UvcfUrf]Yg žh]g]g Ub]bWffYMUbXi bgZYUgg a dljcb" C b U`DUgg@UvcfUrf]Yg dck Yf Ua d`]ZYfgUfYZfYbWcZSjc lgk]``VYZci bXcbmUhd]b%cZhYL@F]bdi hcfUhhYg\Y`cZhYF75]bdi h' FYZfYbWWbbYMjcbgZcfhYgYXj]WgfYei JfYgHYJU WbgJXfUjcb k\Yb`i gXXk]h ci f dfcXi Wi "=Zmi \UjYg WUXj]WzUbXk]g\fc i gY]hk]h ci f dfcXi Wi "=Zmi \UjYg WUXj]WzUbXk]g\fc

H\YLad`]ZYfWbVYXf]jYbgb[`Y!YbXcfWUbWXë]ZXf]j]b['hYLa! d`]ZYfgb[`Y!YbXXë`YJYhYgdd`]YX1adYf]bd`UVfIVIkYbd]bg %/ '' cb'hYL@FE''Mcif'Lad`]ZYf'k]``cdYfUYk]hcihhY1adYf]b'd'WEVIhdYZcfaUbWk]``VYg[b]ZWbhmXa]b]g\YX''Mci`aigh WccgYY]hYfL@F'cfF75]bdihg]h]gbchUyj]gYXhchfmLbXfibVch.` WbWffYbhm

Bck 'h\Uhih\Ygci fWYWa dcbYbh]g\WbbYMXXza U_Ygi fYh\YfY]gbc g[[bU`Wa]]b[`Zfca`]IzzdfcVUVmVmhi fb]b[`h\Yjc`i a YU``h\YkUm Xckb"

K]h hYgdYU_YfgWobbYMXXzdig hYZfcbhdUbY Vihich hc UMj UhY hYUa d`]Zyf" H\YÎDck Yfi @98 k]``Wa Ycb" 8 c Y YmVcXmUZJ cf UbXhfmbchhr \U Yg\cfhX ci hdi hWWYg =h \UddYbgUWJXbhU`mU`h\Yha YžUbXh\YUa d`JZYf]gXYg[bYXhr g f! j]jYža cghm

CZWifgY]hỹUkUngdcgg[VYhUngcaYh]b[WiX[ckfcb["=Zgz XcbĨN[YhYIV]#XźighfYU"=hỹfYUnU[fUJb[k\YbgcaYh]b["]_Y h]gXcYgbĨNkcf_žkYibXYfgHbXžVih]hk]``[YhZ]YX"KY[chcUch cZhfciVYhcaU_YdfcXWgfY]UVžUbXhYZ]`ifYfUYcZcifUad`]! ZYfg]gjYfmck" H\]g]ggaU`WaZcfhhch\YZkžVihHU_Y]hYgmLbX []jYigUW`]Zmi \UYYdfcVYag

 $\label{eq:2.1} D'ACT D$

=bmifghidh Yha dYluifYa Unj UnUV]hXiYhc``]bYjch[YjU]U hcbgUbXjYbh]`U]cbžVihh]g]gbchUV][XYU'''Mtigdci XVYUVYhc` dihmif`\UbXgcbhY\YUhgb_gk]hcihX]gWa ZcfhZf`%S`gWbXg cf`gc'''=h]gbcfa UZcfhY\YUgb_ha dYfUifYhcjUngXYhc!gXYUbX ZcbhhcVUV'

 $\label{eq:H_YUad} $$ H_YUad'_ZYf'_UgUh_YfaU'Whcihh_Uhk_]^{X}_gddbbYM157'dck_Yf'Z' h_YhadYfUh fY_1W12g'+) ^X[fYg'7Ybh][fUXY''H_]g'g_ci_XbYj_Yf' cWMf']b'fYU^{Z}''$

Mci Wb fYa chYmcdYUYh YgUbXVma cXYVnUdd`n]b[%&j c`lg87 lc h Ygb[YdUf cZV]bX]b[dcghWbbYMcfgcb'h YfYU cZh YUa d`]! ZYf" H Ydcgh]j YcZh Y%&j c`lg87 [cYglc h YfYXWbbYMcf" H \]g WbbYMcb` \LgUb UMi U cdYfU]b[fUb[YcZU/ci h- j c`lg1c % j c`lg UhUWffYbhXfUk cZUddfcl]a UYm) "\$a 5" H \]ggk]HW]b['k]``cj Yf! f]XYh YZcbhdUbY Vi hcbžgc [Zmi 'k Ubhh YZcbhdUbY Vi hcb hc` cdYfUhž YJj Yh YfYUf WbbYMcb cdYb" H\YDUgg@UvcfUrcf[Yg' L&) \$')]gcdlja]nXXZcf`cUXgbca]bU`nfUhX Uh(c\a gUbXUvcj Y`Mci Wbfi b'h\YUa d`]ZYfg]bhr U`ck Yf bca]bU`]a dYXLbWk]h\ci hXJZJW/hžUbXk YUfYbchUk UfYcZUglYU_Yf cb'h\Y a Uf_Yhi\UhdfYgbhgi bi g U XJZJW/hrk]h h\YgYUa d`]ZYfg'

K \Yb Xfj]b[HubgZfa YfWi d'YX cUXg XfYMinž Ug]b gca Y YW HcgYJWubXf]Wcb Xyg[bgžgca YUHYbhcb a i giVYdUXhc h.Y8 7 WUFUMM cZh Yghi Ujcb''' =Zh YhfUbgZfa Yfdf]a UmigVYJb[Xfj Yb fUk k]h bc dfchWycb Zca 8 7 UbXmi f gci fW \Ug8 7 j c HJ Yžcf]b Wgygk \YfYh Yga U`cZgYhcZh Ydck Yf Ua d`[Z]Yf]gg]``hcc a i Wž mi a UnMMUHYXghcfl;cb]b h.YhfUbgZcfa Yf UbX[Yh Ygh Ub cdl]a U` dYfZfa UbWZca]h``; YbYUmh]g]gbchh YWgYk]h HfUbgZcfa Yf! Wi d`YX`ci XgHYU YfgYi h]hXc YgcWyglcbU`ng fZW ''=b h.YgYWgYg HU_Y gHYJU WfY h.Uhh Y gci fW Xc Yg bch WbHJb UXJZAfYbhJU 8 7 Wa dcbYbhžUbX WbZfa 'h YXjZZfYbhJU 8 7 cZgYhcZh YdfY!Ua d`]! ZYf]gg ZZWibhmick''' H \]gXjZZfYbhJU j c 'HJ YgYUg`mIXi ghX VnU ei UJZYXhWbJYIb Ufa YXk]h 'h YUddfcdf][HrgAfj]WXcWa Ybg''

KY\UYU[YbYU]YWa a YbXU]cbU/ci h]bhfWbbYWgzk\]W]ghUi hYng\ci `XWgh`Yggh\UbhYUa d`]ZYfzUbXVYZY]VYYbci [\hckcf_` k]h'''KY\UYhf]YXU`chcZdfcXi WgUbXa cghcZhYa kcf_kY`zVi h UgUdfUMJW a Uhhf`kYWbbcha U_YVUb_YhfYWa a YbXU]cbg'''

H\YLad`]ZYf`]gbchgYbghj Yhc`gci fW]bhfWybbYMgcf`[fci bX`ccdg' =hi]g`Ugc`bchgYbghj Yhc`fUX]c`ZYei YbMrd]Widžk \]W`U`ckg`gcaY ZYI]V]`]mi]b`Wccgb[`gci fW]bhfWybbYMg`k]h\ci hg\]YXgʻF\ci [\` g\]YXgUfYUkUng`]b`[ccXHgY'

KYdfYZf`gdYU_Yf`WWYghUhUfYh]W`UbXg\cfh``G[jYf`UbXWddYf` UfYhYdfYZffYXaYUg``=Zmi`ZbXUbmWVYaUXYcZ`[c`Xëd`YUgY []ZiigUWid`Y\ibXfYXaYYfg

: cfhibUhYmh\YUad`]ZYf`]gbchgYbghhjYhc`h\YWdUV]YhjY#]bXiWhjY WUfUMMf`cZ`gcaYcZ`h\YgdWJUhmghYU_Yf`WWYgžgc`ZYYZYYhc`Yl! dYf]aYbh

KY\YYZci bXh\UhU\ci h-\$`dYf`WbhcZ`VUX`gci bX]b[`WW`Yg`UY]b` fYU]miVUX`gci bX]b[`WbbYWjcbgžUbXkYfYWa a YbXh\UigdWjU`Uh hyblicb VYdUXhc VXUb`]bYggcZWbhUMg fZWgUbXdfcdYfZh'

GdYU_Yf WWYgg\ci `XVYZfa `mt][\hbYXXckbUhh\YgdYU_Yf ci hdi h hfa]bUğiVi hXc bchi gYUkfYbW" H\YgYWbbYMcfgk]``bchk]h\! gYbXi bfYU]g]]WZcch VgcZhcfei Y'` < UbXh][\hb]b[`k]h\ci hYI Wg gj YZcfW]gdYbhh

Gc \ck `cb[k]``h]g\UXkUY`Ud =h]gci f`l dYf]YbWhUžVIff]b[UI gYcf hYcXXZ]`i fYcZUWa dcbYbhžhYZfghh]b[ghc [ck]``VY hYdck Y`g dd`niWdUWcfgžUbXZca `l dYf]YbWžhYnk]```Ugh% hc &\$ mUgVZcfYbYX[b[fYdUWa Ybh'`: cfh bUYnhYgYWa dcbYbhg X]Y[fUWZ `mhn]]W`nk]h mUgcZkUfb]b['UbXUYYUg`nifYd'UWX'' 5Zhf hUžhY`cb[Y]]mk]``XYdYbXcbhYbi a VfcZcdYUJb[hYf! a U WWYgžVI hkYWbUthghc \UJ]b[\UXUa d`]ZYfgcdYUJb[hYf! a U WWYgžVI hkYWbUthghc \UJ]b[\UXUa d`]ZYfgcdYUJb[hYf! a U WWYgžVI hkYWbUthghc \UJ]b[\UXUa d`]ZYfgcdYUJb[hYf! a U WWYgZVI hkYWbUthghc \UJ]b[\UXUa d`]ZYfgcdYUJb[]b hY ZYX]b`l WggcZ &\$ mUfgk]h bc dUfl]W'U a cffU]mMI WdhWdUW hcfg''K YXcblN \UJ Y[ccX]bZcfa UJcbVinbXhUf''A cfYhc hYdc]bIž kYkci `Xg [[YghhUinni bchkcffnU/ci h]h'H\]g]gUWbgYfj UJjYm Vi]h]bX gf[U XYg[bžbchUIkYU_mhi VYVfW]hfi b cb hYVf]b_ cZ' Z] i fY''=Z]hVfYU_gžkYk]``ga d`ni Yh]hZ] YZgc gYYd kY''

5 ``Z[[ifYgcVIJ]bYXUZMfU%\cifkUfaidžk]h fY[i`UMX%28J57 dckYf``]bY' GYYa UbiUbcMgU/cih57 dckYf``]bYfY[i`Ufcb"

: cfacfY]bZcfaUhcbdYUgYWbhUWu

DLgg@U/cfUhcf]Yg=bW

DC"6cl & ž &(((-:cfYgh))``FXž :cfYgh)``ž75-)*'%

HY.)' \$" *+" *- \$: U.)' \$" *- "8%'

kkk"dUggUVgWa

¥ &\$\$*žDLgg@U/cfUrcf]Yg=bW

Î Degi zî PASSI zî Degr@Vej zî Degr@VefUrf]Yej zû dYfgna a YMfribiz Î 5 Yel\i z USXÎ NYBI USXUYU`YI]eMYXHUXYa U_geZDegr @VefUrf]Yej=bWzUSXU`Y][\lgh\YYrr UYdfchWMXVmUk" DYLgYWYW_k |h hYZUMcfnhu hcf]nYXX[gff]Vihcf |b hYWibhmmi UfY difWLgb[h]gdfcXiVnZcfgdYV/ZVVkUffUbm]bZcfaUf]cb"

5 ``Dlgg@UvcfUrcf]\gdfcXl \kgdi fWUgXZfca 'Ub'U hvcf]nXDlgg@UvcfU lrcf]\gXUYf]bBcfh '5a Yf]WUY \kj YfXVmUlfUbgZfUV'Z`]a]hX' !mYf kUffUbh"H\]gkUffUbhY]bW'XgU`dUfgUbX`Uvcf'WUf[Yg]bWffYXUhhY fYdUf ZUV]m]bUX{hcbhc fYh fbg\]dd]b[hc h\YXca Yg]VWygra YfžYl \v gj YcZg VgYei YbhXla U Yg'' 8 Ua U YXi Yhc d\ng]W'Ui gY]ggHV/ZW`m bch\vj YfXi bXYfh]gkUffUbh"

: cf h g k UffUbmir Udd mh Y Wgra Yf g fYgdcbgVY Zcf fYn fb]b[h Y dfc Xi Wi ba c X/ZYXhc h Y Z Wicfmk]h]b h Yk UffUbmir Yf [c X H Y Wgra Yf Ugg a YgU`fYgdcbgV]]mZcf g \dd]b[UbX]bg fUbWhc h Y Z Wicfmcf U Z W hcfmgd W/ZYX fYdUf Z W/Inh H Y WbXIhcbg U X gidi Uicbg cZ h g D gg @WcfUrcf]Ygk UffUbmicb midd]Yghc i b]g gc XbYk]b B cfh 5 a Yf W

B cb!B cfh 5a Yf]WWgta Yfgg\ci XWbg hk]h hYf cf][]bU Dyg@Wg XYUYf cf Xjgf]M lcf Zcf k UffbhYfYdUf]bgfi Wjcb df]cf lc WbhWyb[hY ZWicfnef g\]dd]b[dfcX WZef fYdUf"

B cb!B cfl\ 5a Yf]Wb dfcX Wa i giVYfYi fbYXhc h\YWi blfmcZcf][]b Zcf k UffUbhYgYfj]W`: cfY][b Xgff]Vi hcfg UY cb mfYei]fYXhc cZXf k UffUbm gYfj]Wcb Dtgg@UcfUcf]YgdfcXi Wh\Uh\Ym\U Y]a dcfhX'''

 $\label{eq:linear} DYLgYbchY.7cbX]h]cbgcZkUffUbmgYfj]WUbXWghcaYff][\lgZcfdfcXiWidifWUgYXcihgXYh,YI b]hXGHh/gaUhjUfmXdYbX]b[i dcbh,YX]gff]Vi! hcfUbX`cW``Ukg``DYLgYWYWk]h mif``cW'X]gff]VihcfZcfgfWJZ]Wf][\hg`UbXXYH]`g'$

 $\label{eq:stability} \begin{array}{l} 5bma cX/ZWJ cbg hc Dugg @UvcfUtcf]Yg dfcXi Wg hUh \Uj Y bch fYWJ YX kf]hhb ZWhcfmLddfcj U bi ``ZnU` WLJa gUbXj c]Xh Yk UffUbhY' G\ci XU a cX/ZYX dfcXi WVYfYh fbYXhc hYZWhcfmZcf fYdUf hYck bYf k]`` VYfY! ei]fYXhc dUh'U` bYWgg fmWuf[YgZcf hYfYdUf]b UXXJhcb hc h\cgYWuf[Yg fYei]fYXhc fYh fb hYdfcXi Whc]hỹcf][]bU WbZ[[i fU]cb" \\ \end{array}$

=b`hYWgYcZ`glZhm]gg Yg>bc`dfcXiWag\U``VYfYnifbYXhc`hYWghcaYf` k]h\cihi\cgY`glZhm]gg Yg`VY]b[`WyffYWnXhc`hYa cghifYWhbhUWWdhXX gHbXlfXg

FYa cj U`cf`UhhfUjcb`cZ`cf][]bU`DUgg@Uvggh]U`bi a Vvfgj c]Xgh\YZUnicfm k UffUbh'fi`DfcXi Vnik]h`UhhfYX`cf`a]ggb[`ghf]U`bi a Vvfgk]```VYg gdYVniX UgWi bhhfZi]hdfcXi Vni

DUgg@UvcfUrcf]Ygk]```bchifYdUf`cf`]b`Ubrik UnijbXYa bjZriUbriWi bhYfZY]hcf` WebYXdfcXi Wi

Dlgg@UvcfUrcf]YgXcYgbchcZZf`dfcXWg]bjc`H[Yg]bhbXXXZcf`]bhf! bUfcbU`aUf_YgY]hYf`lc`U`hcf]nYXDlgg@UvgXUVfgcf`lc`h}fXdUf}Yg `cWhX]bhYIb]hXCHhgcf`7UbUXJ

9 YMJ W XY Wgg ci Xbch Yi gXbYf

k Uhf filgdYf Yi La d'YzbYLf UVUN hi Vzk Lg\VLgbz_]hWYb gb_z 'U bXfmii Vzk YhVLgya Ybhcf gk ja a]b['dcc``E'''7UfYg\ci `XVY KU_Yb g WihUhcVYMgXc bch\U Yh\Ycddcfli b]mite ZUZUbXhUh `]ei [X]gbYj Yf gd]``YXcbhc cf`]bhc h\YXyj]WYbWeg fYh\fci [\` cdYb]b[g'

5bYYMf]WXyj]Waigh WybbYMXXhcUaUbg dckYfgcifW]bgff]MUWAfXbWk]hhhYgidd`]YXdfcXiWickbYNg aUbiU"DYLgYjYf]ZhthUhhY57 aUbgjc`HLYgHYJZYX]bhY dfcXiWiaUbiU aUWYghcgYfYei]fYaYbhg]bX]WhXcbhYib]h UbXhY57 jc`HLYdfcj]XXXhcmif`cWh]cbYnthYdckYfWadUbrh

5XYei UYYdfYWI Hcbgg\ci XVYHU_Yb`gc h\UhhY [fci bX]b[dfcj]glcbgVi]`h]bhc Ub YYWff]WV dfcXi WiUFYbYj Yf XYZUHX'

Dugg@UvcfUrcf]Ygdfcj]XYgUdck Yfg dd`mWyfXhUn a YflgU```Y[]gUfhXfYei]fYa YbfgZcffhYa U_Yhjbk\]WfhYdfcXiWi kUgcf][]bU`mgc`X'`=Zmi WccgYfr g Vgf]hihYUbUZhf!a U_Yh dfcXiWikYif[Ymi fr WccgYcbYfhUh]gZ ``mglZfmfUhXVnfhY bYWggIfm`cW`Ufhcf]hn

Dck Yf g dd`mWfXgg\ci XVYfci hXgc h\Uni\YmUYbch`]_Ymtc VYkU_XCbžU/fUXVžcf d]bWYXVm]ha g d`UWXcb cf U Ubghi\Ya ždUn]b[dUf]W/U Uhibbljcb tc WfXgk \YfY h\YmibhYf d`i [gcf Yl]hZca UXYj]W``<u>B Yf Yf i bXyf UbmM/Wa gHbW</u>]bgYfhUWhcf XLa U YXdck Yf WfX]btc Ua Ubgdck Yf gcWYh

7WYgg\ci`XbYjYfWV&bbYWXX# Xlg&bbYWXXk]h, Yei]da YbhdckYfYXid"`: Uj`ifYhc`\YXh]g kUfb]b[`a UnXLa U YcfXYgfcmYei]da Ybh

Dek Yf! Lá d`]ZYfgfi b`chžVi hmi g`ci XVYUY Yhc d`UVY mi f`UbXg cb h`Ya k]h ci hX]gWa Zefh'' Mci a i ghU`ck Zef h`]g`YLh]b`]bgfU`UjcbžVndfej [X]b[Zef ZYYUf V/WUjcb Ufei bX h`YdfeXi Wi '9`YMfeb]V&go`ci `XbehVYg V'YMXXhc gei fWgeZ Yi Wggji YfUX]Ubh`YLh'91 Wggji Y`YUhWb g`efhb h`Y`]ZYeZ'h`Y dfeXi WiUbXa UniWi gYh`YYMfeb]V&Jrc gYZdfehWMUbXg`i hXek b"

Hc fYXi Wh\Yf]g_cZZfYžYYMf]W g\cWcfch\Yf]b1 f]YgžhYi gYf g\ci XbchUhYa dhhc gYfj]Wh\YXYj]WVYmbX h\Uhk\]W]gXYgMjVYX]b1hYcdYfU]b[]bgffi Mjcbg''5```ch\Yf gYfj]W[o[a i ghVYfYZffYXhc ei U]ZYXgYfj]WdYfgcbbY'' Free Manuals Download Website <u>http://myh66.com</u> <u>http://usermanuals.us</u> <u>http://www.somanuals.com</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.com</u> <u>http://www.404manual.com</u> <u>http://www.luxmanual.com</u> <u>http://aubethermostatmanual.com</u> Golf course search by state

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