

AERO4110

5YfcgdUW '8Yg][b '&

HYfa " z&\$&%

fZ *%&L- ' ,) ;) \$\$ -'Bi WYi g'Gh XYbh<i V

fZ *%&L- ' ,) '+**%- '9b[]bYYf]b['Xgi ghf]U'HfU]b]b[

fZ *%&L- ' ,) " %+- '-I BGK 'Gh Xm5VfcUX'UbX'I BGK '9I WUb[Y'fZcf']bVci bX'ghi XYbhgk

fZ *%&L- ' ,) '(\$- +'-GWcc`C ZWYf

HD'YUgY'bcH' hUhihY'GWcc`C ZW'k]`'bch_bck 'k \Yb#Zmc i f'Wci fgY'Wcbj Ybcf']g'cb'Wla di g'cf
Uj U]UV`Y

9a U]

[9b\[\]bYYf\]b\['Gh XYbhGi ddcfhGYfj \]Wg](#) -'W ffYbhghi XYbhYbei]f]Yg

7ci fgY'8YHJ]`g

I b]hg'cZ7fYX]h*`

Gi a a UfmcZ\Y'7ci fgY

H\]g'Wci fgY'jg'U'WJdghcby'UYfcgdUWV'XYg]Wb'dXy]Wb'efX'Yg]W'ehXUg]g'zgn'W'lg'g'X'Y'Y'btg'X'Y'f'qal'j'U'dfm'ja'j'U'fm

			Ybfc`YX`]b: UW!rc!: UW WUggYgžh.YgY`UfY H67`]b`A UH`Yk`g`%\$` Zca`K`YY_g`+!-ž XYdYbX]b[`cb`UXj`]W fYVW]j`YX`Zca`!`BGK`"
DfYgYbHh]cbg	Hi YgXUmK`YY`_%\$`	%&da`!`*`da`	C`b`]bY`fj`]U`Ncca`Ł fk`YY`_%\$Ł =b`DYfgcb`!`5bm: UW!rc! : UW`gYgg]cb`]g`H67`ž XYdYbX]b[`cb`UXj`]W fYVW]j`YX`Zca`!`BGK`"

5ggYgga Ybh

5`UggYgga Ybfg`UFY`HYUa`UggYgga Ybfg`9UWX`HYUa`k`j`Uj`Y`+!,`a`Ya`VYfg`

K`YY`_mXYg][`b`a`YYh][`g`a`i`ghVY`XcW`a`YbhYX`k`]h`a`]bi`HYg`"A`]bi`HYg`g`ci`X`VY`i`d`cUXYX`]b`U`h`a`Y`m`a`UbbYf`hc`U`Z`X`Y`f`c`W`H`Y`X`]b`h`Y`:`]Yg`hUV`c`Z`h`Y`A`YYh][`g`V`UbbY`]b`mci`f`XYg][`b`UH`X`A`]W`cgc`Zi`HYUa`g`HYUa`"

5ggYgga YbhUg_	K`Y][`h	8i`Y`8UH`	7ci`fgY`@YUfb]b[Ci`hW`a`Yg`5ggYggYX
%`Dfc[`fYgg`8Yg][`b`F`Ydcfng`f&L`fHYUa`L	`\$i	GY`Y`V`c`k	%`z`&`z` `z`(`
&`DfYgYbhUj]cb`fHYUa`L	&\$i	%`*`#`%`#`&`\$`&`%`%`\$`\$`5`A	` `z`(`
`":`]bU`8Yg][`b`F`Ydcfh`fHYUa`L)`\$i	\$`%`#`%`#`&`\$`&`%`\$`(`.`\$`\$`D`A	%`z`&`z` `z`(`

5ggYgga Ybh`Dfc[`fYgg`8Yg][`b`F`Ydcfng`f&L`fHYUa`L

5ggYgga Ybh`Yb[`h`."`\$`dU[`Yg`a`U`]a`i`a`f`dYf`Dfc[`fYgg`F`Ydcfh`L`8i`Y`XUH`."`GY`Y`V`c`k`8YUX`]bY`Z`c`f`UVgc`i`h`ZU]`.`H`V`Y`f`l`L`X`U`mg`U`Z`Y`f`f`Y`Y`U`bh`Xi`Y`X`UH`A`Uf`_g`f`Y`h`f`b`Y`X`.`H`k`c`k`Y`Y`_g`U`Z`Y`f`X`i`Y`X`UH`

Hk`c`d`f`c[`fYgg`fYdcfng`fY[`UfX]b[`h`Y`UYfcgdUW`X`Yg][`b`d`f`c`Y`W`i`!`H`Y`U`a`k`c`f`_`"

Dfc[`fYgg`F`Ydcfh`%`f`%)`i`L`!`8i`Y`##`,`" `b`_`F`g`W`e`V`S`k`I`W`W`]`&

Dfc[`fYgg`F`Ydcfh`&`f`%)`i`L`!`8i`Y`##`,`" `b`_`?`a` `V`S`k`I`W`W`]`*`

Gi`Va`]gg]cb`j`]U`A`cc`X`Y`"

5ggYgga Ybh`W`]h`f]U

DYf`5YfcgdUW`8Yg][`b`&`Dfc[`fYgg`F`Ydcfh`%`UbX`Dfc[`fYgg`F`Ydcfh`&`F`i`Vf]Wg`"

5XX]h]cbU`XYH]`g

A`U`I`]a`i`a`d`U[`Y`b`i`a`V`Y`f`g`Y`I`W`i`X`Y`Z`f`c`b`h`i`a`U`H`Y`f`Z`f`Y`Z`f`Y`b`W`g`Z`U`b`X`U`d`d`Y`b`X`]W`g`"

A`Uf`_]b[`.`

H`V`Y`h`Y`U`a`a`Uf`_`k`]`V`Y`a`c`X`Y`f`U`H`X`V`m`i`U`W`X`Y`a`]W`f`Y`]Y`k`U`b`X`d`Y`Y`f`Y`U`i`U`h]c`b`h`c`[`]`j`Y`U`b`]b`X`]j`]X`i`U`a`Uf`_`Z`c`f`Y`U`W`X`U`g`g`Y`g`g`a`Y`b`h`

:`c`f`Y`U`W`X`U`g`g`Y`g`g`a`Y`b`h`U`b`]b`X`]j`]X`i`U`g`h`U`H`Y`a`Y`b`h`c`Z`W`U`]a`c`Z`W`c`b`f`]V`i`h]c`b`g`a`i`ghVY`gi`Va`]h`Y`X`Y`Y`W`f`c`b`]W`U`m`V`m`h`Y`U`g`g`Y`g`g`a`Y`b`h`X`i`Y`X`U`H`Y`":`U`]i`f`Y`h`c`g`i`Va`]h`U`b`]b`X`]j`]X`i`U`g`h`U`H`Y`a`Y`b`h`c`Z`W`U`]a`Z`c`f`U`b`m`i`U`g`g`Y`g`g`a`Y`b`h`k`]`f`Y`g`i`h`]b`U`b`]b`X`]j`]X`i`U`d`Y`b`U`h`m`c`Z`%`\$`i`c`Z`h`Y`a`U`I`]a`i`a`a`Uf`_`d`c`g`g`]V`Y`Z`c`f`h`Y`U`g`g`Y`g`g`a`Y`b`h`f`h`Y`d`Y`b`U`h`m`]g`U`d`d`]Y`X`h`c`h`Y`]b`X`]j`]X`i`U`a`Uf`_`L`"

: cfYUWk UggyGga YbhZ U'dYYfYj U'i Uhcb'a i ghVY Wca d'YHX'Y'YWfcb]Wm'DYYF'Yj U'i Uhcbg'a i ghVY
Wca d'YHX'k]h\]b'cbY'k YY_Zc`ck]b['YUWk UggyGga YbhXi Y'XUH": U]i fY'hc Wca d'YH' h'Y'dYYf'Yj U'i Uhcb
Vmh'Y' %e]fYX'XYUX']bY'Zcf'U%a UggyGga Ybhk]''fYgi 'h]b'Ub']bX]]Xi U'd'U' hmcZ%\$i 'Y'hk]a'f]g]a'hi]b'Ub']bX]]Xi
a Uf_dggg]V'Y'h'Z'f'U'ggyGga Ybhk'Y' %U'm]g'Udd']Y'X'Ugga Ybhk]Xi DfYgYbU]h]cb'fHYUa Ł

5ggYgga Ybh& DfYgYbU]h]cb'fHYUa Ł

5ggYgga Ybh`Yb[h. '5ddfd]a Uhm]a) a b]g]f]W]]X]]e['e]h]g]c]bgŁ
8U'U' a%#&.\$&%\$. \$\$ 5A
8YUX']bY'Zcf'UVgc'i h'ZU]'. 'B #5
A Uf_g'fYh'f]bYX. 'F'Y'Y'U'g'Y'c'Z'Z]b'U'f'Y'g'i'`hg

HYUa d'fYgYbU]h]cb'fHYUa X'X'Y"

5ggYgga YbhW]hYf]U

DYf'5YfcgdUW'8Yg][b'&DfYgYbU]h]cb'F i Vf]W

5XX]h]cbU'XYH]g

DfYgYbU]h]cbg'k]''Wca a YbW'Uh%da 'cb'Hi YgXUmCZKUbY'gi%\$i DfYgYbU]h]cb'g]XYgžUbX'U'gcZhWcdmCZ
mci f'VfcWxi fYža i ghVY'gi Va]hYX'Y'YWfcb]Wm']U'A ccX'Y Vm%\$Ua 'Hi YgXUmK YY_%\$'f#(fZ
@ahW_TWŁ"

9UWk h'Ua ']g'fYei]fYX'hc'dfcXi W'U'gWU'Y'a cXY'cZ' hY]f'Z]b'U'U]fWUZ': cf'&\$.&%HYfa ' ž'h'Y'i B'GK
A U_YfGdUW' h'Ua 'k]''gi ddcfha cXY'a Ubi ZUW'i fY'fa Ubi ZUW'i fYX'Vm' '8'df]b]b[Ł'UbX'gi Va]hd\mg]Wm
cb'mci f'VY\U'Z'Hc'UWk]Y'Y'h']gžU''758'Z'Yg'fYei]fYX'a i ghVY'gi Va]hYX'hc' h'Y'A U_YfGdUW'Vm%\$Ua 'cb

:]bU`F YdcfhfY[UfX]b[`hY`UYfcgdUW`XYg][b`dfc YW`h!`HYUa k cf_"

:]bU`8Yg][b`F Ydcfhf) \$! `!`8i Y`&," " b_ I W` W`VSk #ef 6 WUW_ WTWd/7j S_ BWd[Vafi

Gi Va]gg]cb`j]U`A ccX`Y"

5ggYgga YbhW`]h`f]U

DYf`5YfcgdUW`8Yg][b`&:]bU`8Yg][b`F YdcfhF i Vf]W

5XX]h]cbU`XYhU]`g

A Ul]a i a `dU[Y`bi a VYfg`YI W` XY`Zcbhia U`hY`fz`fY`ZY`fY`bW`gZ`UbX`UddY`bX]W`g"

A Uf_]b[.

H`Y`h`Y`Ua `UggYgga Ybhia Uf_`k]`VY`a cXYfU`h`X`VmUW`X`Ya]W`fYj]Yk `UbX`d`Y`Y`f`Yj U`i Uh]cb`h`c`[]j`Y`Ub]bX]j]Xi U`a Uf_`Z`c`f`h`Y`UggYgga Ybh`

: cf`YUW`UggYgga YbhZ`Ub`]bX]j]Xi U`g`h`U`h`Y`a YbhicZ`WU]a `cZ`W`c`b`f]Vi h]cbg`a i ghVY`gi Va]h`Y`X`Y`Y`W`f`c`b]W`m Vmi`h`Y`UggYgga YbhXi Y`X`U`h`": U]i fY`h`c`gi Va]h`Ub`]bX]j]Xi U`g`h`U`h`Y`a YbhicZ`WU]a `Z`c`f`U`b`m`UggYgga Ybhk]`fYgi `h]b`Ub`]bX]j]Xi U`d`Y`b`U`h`m`c`Z`%\$! `cZ`h`Y`a Ul]a i a `a Uf_`d`c`g]V`Y`Z`c`f`h`Y`UggYgga Ybhif`h`Y`d`Y`b`U`h`m]g Udd`]Y`X`h`c`h`Y`]bX]j]Xi U`a Uf_`L"

: cf`YUW`UggYgga YbhZ`U`d`Y`Y`f`Yj U`i Uh]cb`a i ghVY`W`c`a d`Y`h`X`Y`Y`W`f`c`b]W`m`D`Y`Y`f`Yj U`i Uh]cbg`Z`c`f`h`Y`:]bU`8Yg][b`F Ydcfhia i ghVY`W`c`a d`Y`h`X`Vm(.,\$\$da `Hi YgXUm8YW`a VYf`+h`": U]i fY`h`c`W`c`a d`Y`h`h`Y`d`Y`Y`f`Yj U`i Uh]cb`Vmi`h`Y`f`Yei]fY`X`Y`U`X`]b`Y`Z`c`f`U`b`m`UggYgga Ybhk]`fYgi `h]b`Ub`]bX]j]Xi U`d`Y`b`U`h`m`c`Z`%\$! `cZ`h`Y`a Ul]a i a `a Uf_`d`c`g]V`Y`Z`c`f`h`Y`UggYgga Ybhif`h`Y`d`Y`b`U`h`m]g`Udd`]Y`X`h`c`h`Y`]bX]j]Xi U`a Uf_`L"

5 hYbXUbW`F`YeI`jFYa`Ybhg`

Gh`XYbhg`UFY`gfcB[`mYbWci`fU[`YX`tc`k`UHX`U`YWi`fY`j`]XYcg`"

5`hYbXUbW`jg`fYeI`jFYX`UhU`Gh`Xjc`7`UggYg`"Zmci`fUVgYbW`YeI`UHg`tc`a`cfY`hUb`&\$i`cZGh`Xjc`7`UggYgZmci`a`UmZj`hY`Wci`fgYZcf`VY`XYb]YX`gdYWU`Wcbg]XYfUhcB`"

Mci`a`i`ghVY`Uj`Uj`UV`Y`Zcf`U`UggYgga`Ybhg`"Mci`f`8Yg][`b`DfYgYbhUhcB`g`k`j`VY`Y`X`cb`Hi`YgXUnz`Bcj`Ya`VYf`%`h`Zca``%&!`*`da`Zmci`a`i`ghVY`dfYgYbhZcf`hY`Ybh]fY`Yj`Ybh`"

7`ci`fgY`GW`YXi``Y`

[J`Yk`WUgg`ha`YhUV`Y`](#)

H]a`YhUV`Y`

8`UH`Y`	Hmd`Y`	7`cbhYbh`
K`YY`_`%`%`GYdhYa`VYf`! !`%+`GYdhYa`VYf`	@`YWi`fY`	5. `b`f`c`X`i`W`i`c`b`U`b`X`F`:`D`g` 6. `8`Y`g`][`b`D`f`c`W`g`g` 7. `7`c`b`W`d`h`U`8`Y`g`][`b`U`b`X`7`c`b`Z`[`i`f`U`h`c`b`f`U`b`Y`g`5`

K YY_ %\$. %) Bcj Ya VYf
! % Bcj Ya VYf

DfYgYbHjcb

8Yg][b DfYgYbHjcbg

F Ygci fWg

U`ck `]bXi gHfmZYXVUW`Zca `hY`8Yg[[b`DfYgYbUhc]cbg`hc`VY`]bWcfdcfUHYX"

@UVcfUhc]fmK cf_g\cd`#Zcfa Uh]cb

Zmci `k ci `X`_]Y`hc`i gY`hY`I` BGK `A U_YfGdUW`g`hc`Wcbg]fi Wmci f`U]fWUZia cXY`ZVY`gi fY`hc`Wca d`YH`
hY`Z`ck`]b[`A U_YfGdUW`VUX[Yg`YUfm]b`HYfa .

•

YI Ua gžd'YUgY'gYY'hY' [9I Ua g](#)'k YVdU[Y"

GdYWU'7 cbg]XYfU]cb

Ʒmci '\Uj Y'YI dYf]YbWŦ'Ub']'bYgg'cf'a]gUXj Ybhi fY'VYmcbX'mci f'Wcbf'c'\hUhk]''jbfYfZYfY'k]h'mci f UggYgga YbhdYfZcfa UbWžmci 'UFY'Y'] []V'Y'hc'Udd'mZcf'GdYWU'7 cbg]XYfU]cb'df]cf'hc'gi Va]h]b['Ub UggYgga Ybhcf'g]h]b['Ub'YI Ua "

I BGK 'bck '\Ug'U': [\]h\]c'G\]h#Gi Va \]hfi' Yžk \\]W'a](#) YUbg'hU]Zmci 'UhfYa dhUb'YI Ua 'cf'gi Va]hU'd]YW'cZ UggYgga Ybž'mci 'UFY'XYWUf]b['mci fgY'ZžhYbci ['\ 'hc'Xc'gc'UbX'W]bbch'Uhf'Udd'mZcf'GdYWU' 7 cbg]XYfU]cb"

: cf'XYHU]g'cZUdd'm]b['Zcf'GdYWU'7 cbg]XYfU]cb'UbX'WcbX]h]cbg'Zcf'hY'Uk UfX'cZgi dd'Ya YbUf]m UggYgga Ybž'd'YUgY'gYY'hY']bZcfa U]cb'cb'I BGK 'g' [GdYWU'7 cbg\]XYfU\]cb'dU\] Y](#)"

D'YUgY'bc'hY' hUgh] XYb]g'k]''bchVY'fYei]fYX'hc'dfcj]XY'UbmXcW'a YbUf]mYj]XYbW'hc gi ddcfhUVgYbW'g'Zca 'UbmWUggYg'a]ggYX'VYW]i gY'cZ7CJ -8!%- 'di V']W\YU'h'a YUgi fYg'gi W'Ug]gc'U]cb" I BGK 'k]''bchVY']bg]gh]b['cb'a YX]W'W'fh]Z]W]hYg'Zca 'UbmcbY'XYYa YX'hc'VY'U'dcg]h] Y'WUgYž cf'k \Yb'hYm\Uj Y'fYW'ej YfYX" 'Gi W'W'fh]Z]W]hYg'UFY'X]Z]W'h'hc'cV]U]b'UbX'di hUb'i bbYW'ggUfmg]fU]b'cb gh XYb]g'UbX'a YX]W'ghUZZ'

5dd']W]h]cbg'Zcf'gdYWU'Wcbg]XYfU]cb'k]''VY'fYei]fYX'Zcf'UggYgga YbU]bX'dUf]h]W]dU]cb'UVgYbW'g'– Vi hbc'XcW'a YbUf]mYj]XYbW'Zcf'7CJ -8!%-]''bYgg'cf']gc'U]cb'k]''VY'fYei]fYX"

GdYWU'7 cbg]XYfU]cb'Ci hW'a Yg

5ggYgga Yb]g'\Uj Y'XYZ]i 'hGdYWU'7 cbg]XYfU]cb'ci hW'a Yg" H\Y'XYZ]i 'hci hW'a Y'Zcf'hY'UggYgga Ybhk]' VY'UXj]gYX'k \Yb'mci 'Udd'mZcf'GdYWU'7 cbg]XYfU]cb" 6Y'ck ']g'hY'']ghcZdcgg]VY'ci hW'a Yg.

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

I BGK `Ug`Ub`cb[c]b[`Wca a]ha Ybhlc`ZcghYf]b[`U`W`hi`fY`cZ`YUfb]b[`]bZcfa YX`VmiUWUXYa]W]bhY[f]m`5`
I BGK `gh`XYbhg`Uj`Y`U`fYgdcbg]V`]mhc`UX\YfY`hc`h`g`df]bW]d`Y`cZUWUXYa]W]bhY[f]m`D`U[]Uf]ga
i bXYfa]bYg`UWUXYa]W]bhY[f]m]UbX`]g`bchlc`YfUHYX`Uhl`BGK`"B`SY[Sde_`SfG@E|`[e VWX`WV`Se ge[`Y`
fZWi`ad/e`ad[VWSe`aXafZWde`S`V`bSee[`Y`fZW_`aXSe`kagdai`ž`

D`U[]Uf]ga`]g`U`mdY`cZ]bhY`YWfi`U`h`Y`Zi`#iW]b`hU`_Y`a`UbmiZcfa`gž`Zca`XY`]VYfUHY`WXYU]b[`hc`UWUXYbH`m`
Wcdm]b[`Zca`U`gci`fWY`k`]h`ci`hUW`bck`YX[`Ya`Ybh`I`BGK` `Ug`dfcXi`WYX`U`k`YVg]hY`k`]h`U`k`YU`h`cZ`
fYgci`fWYg`hc`gi`ddcfhgh`XYbhg`hc`i`bXYfgHUbX`UbX`Uj`c]X`d`U[]Uf]ga`ž`]g]h`[gh`XYbh`i`bgk`"YXi`"Ui`#d`U\[\]Uf\]ga`"](#)
H\Y`@YUfb]b[`7`YbfY`Ugg]ghg`gh`XYbhg`k`]h`i`bXYfgHUbX]b[`UWUXYa]W]bhY[f]m]UbX`ck`bchlc`d`U[]Uf]gY`
H\YmiU`gc`c`X`k`cf_g\cdg`UbX`W]b`Y`d`gh`XYbhg`cbY!cb!cbY"

Mci`U`fY`U`gc`fYa`]bXYX`h`UhW]fYZ`h`ja`Y`a`UbU[`Ya`Ybh]g`Ub`ja`dcffU]bhdUfhcZgh`XmiUbX`cbY`cZ`hY`
]XYbh]Z`YX`W]i`gYg`cZ`d`U[]Uf]ga`]g`dccc`f`h`ja`Y`a`UbU[`Ya`Ybh`G`h`XYbhg`g`l`ci`X`U`ck`gi`ZZWY`bh`h`ja`Y`Z`c`f`

5 WUXYa]W=Zcfa Uh]cb

7 fYX]hdc]bhg

7 ci fgY WYX]h]g'WU'W'UH'X']b'I b]hg!C Z 7 fYX]hfl C 7 E"H\Y'bcfa U'k cf_'cUX'YI dYWU]h]cb'Zc'f'cbY'I C 7]g'Uddfcl]a UH'm&) '\ci fg'dYf'h'fa "'H\]g']bWi XYg'WUgg'WcbUW\ci fg'z'df]j UH'gh Xn'z'ch'Yf'YUfb]b[UW]j]h'Yg'z'dfYdUfU]h]cb'UbX'h]a Y'gdYbhcb'U''UggYggUV'Y'k cf_"

A cghWci fgYk cf_'Wci fgYg'Uhi BGK 'UFY'*'I C 7 'UbX']bj c'j Y'Ub'Ygh]a UHX'%) \$'\ci fg'hc'Wca d'YH'z'Zc'f'Vch fY[i 'Uf'UbX']bhYbg]j Y'h'fa g''9UWX Wci fgY']bWi XYg'U'dfYgW]VYX'bi a VYf'cZ\ci fg'dYf'k YY_'f'k# E'cZ gWYXi 'YX'ZJW!hc!ZJW'UbX#f'cb']bY'WcbUW'5bmUXX]h]cbU'h]a Y'VYmcbX'h'Y'dfYgW]VYX'WcbUW\ci fg g\ci 'X'VY'gdYbh]b'a U_]b['gi fY'h'Uhmci 'i bXYfg]UbX'h'Y'YV'fY'a UH'f]U'z'Wca d'Yh]b['h'Y'gYh Ugg][ba Ybhg'z'Z f'h'Yf'fYUX]b[z'UbX'fYj]g]b['Zc'f'UbmYI Ua]bU]h]cbg"

CbWardj gWYggUhm]bWUbWY

gh XYbhg\ci `X`VY`ZJa]]Uf`k]h`h`Y`Zc`ck]b[.

- [5HtYbXUbW](#)
- [L BGK `9a U\]`5XXfYgg](#)
- [GdYWU`7 cbg\]XYfU\]cb](#)
- [9l Ua g](#)
- [5ddfcj YX`7 U`W `Urcfg](#)
- [5WjXYa \]W< cbYghmUbX`D`U\] \]Uf\]ga](#)

⇒a U[Y`7 fYX]h

8f`GcbmU`5`6fck b`| `&\$&\$`5``F][\hg`F YgYfj YX

7F ⇒7CG

7F ⇒7CG`Dfcj]XYf`7 cXY. `\$\$\$- , ;

5W_bck `YX[Ya YbhcZ`7 ci b]fm

K Y`UW_bck `YX[Y`h`Y`6YXY[U`dYcd`Y`k \c`UfY`h`Y`fUX]]cbU`W g]cX]Ubg`cZ`h`Y`UbXg`cb`k \]W`l BGK
? Ybg]b[hc b`W]a di g`]g`cW]h`YX"

